



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 13]

नई दिल्ली, शनिवार, 29 मार्च, 2003 (चैत्र 8, 1925)

No. 13]

NEW DELHI, SATURDAY, MARCH 29, 2003 (CHAITRA 8, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## [PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS  
Kolkata, the 29th March 2003

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THE PATENT OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

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Todi Estates, 33rd Floor,  
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The States of Gujarat,  
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Telegraphic Address "PATOFFICE"  
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Phone No. (011) 587 1255, 587 1256,  
587 1257, 587 1258, 587 7245.  
Fax No. (011) 587 6209, 587 2532.

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443. Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Lakshadweep.

Telegraphic Address "PATENTOFFIC"  
 Phone No. (044) 431 4324/4325/4326.  
 Fax No. (044) 431 4750/4751.

4. Patent Office (Head Office),  
 Nizam Palace, 2nd M.S.O. Building,  
 5th, 6th & 7th Floor,  
 234/4, Acharya Jagadish Bose Road,  
 Kolkata-700 020.

Rest of India:

Telegraphic Address "PATENTS"  
 Phone No. (033) 247 4401, 247 4402, 247 4403.  
 Fax No. (033) 247 3851, 033 240 1353.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended by the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

**Fees :** The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय  
 एकस्व तथा अभिकल्प

कोलकाता, दिनांक 29 मार्च 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा पम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

1. पेटेंट कार्यालय शाखा,  
 टीडी इस्टेट, तीसरा तल,  
 सन मिल कम्पाउण्ड,  
 लोअर परेल (वेस्ट),  
 मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश,  
 गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं  
 संघ शासित क्षेत्र, दमन तथा दीव,  
 दादर और नगर हवेली।

तार पता - "पेटेंटफिक"  
 फोन - (022) 492 4058, 496 1370, 490 3684.  
 फैक्स - (022) 490 3852.

2. पेटेंट कार्यालय शाखा,  
 डल्लू-5, वेस्ट पटेल नगर,  
 नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
 तथा कश्मीर, पंजाब, राजस्थान,  
 उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य  
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटफिक"  
 फोन - (011) 587 1255, 587 1256, 587 1257,  
 587 1258, 587 7245.  
 फैक्स - (011) 587 6209, 587 2532.

3. पेटेंट कार्यालय शाखा,  
 गुना कम्प्लेक्स, छठा तल, एनेक्स-II,  
 443, अनासलाई, तेनामपेट,  
 चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, करेल, तमिलनाडु  
 तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
 शासित क्षेत्र लक्ष्मीपुरम।

तार पता - "पेटेंटेफिक"  
 फोन - (044) 431 4324/4325/4326.  
 फैक्स - (044) 431 4750/4751.

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
 निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
 भवन, 5वां, 6वा व 7वां तल,  
 234/4, आचार्य जगदीश बोस मार्ग,  
 कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"  
 फोन - (033) 247 4401, 247 4402, 247 4403.  
 फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आंवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फोस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

**शुल्क :** शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहाँ उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

**THE PATENT OFFICE  
KOLKATA -29.03.2003**

**APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4 ACHARYA  
JAGDISH BOSE KOLKATA – 700 020.**

**The data shown in the crescent bracket are the dated claimed under section 135, under Patent  
Act, 1970**

**03.01.2003**

07/KOL/03	MAZUMDAR TIRTHANKER. <i>A RECIPROCATING I C ENGINE THAT DELIVERS COMPRESSED GAS DIRECTLY.</i>
08/KOL/03	RAWATSONS ENGINEERS (P) LTD. <i>A DEVICE FOR LUBRICATING THE GAUGE FACE OF THE RAIL AND WHEEL FLANGE.</i>

**07.01.2003**

09/KOL/03	KONINKLIJKE PHILIPS ELECTRONICS N.V. <i>TRANSMITTER OF A REDUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM.</i> (DIVIDED OUT OF NO. 112/CAL/97 ANTEDATED TO 21.01.1997.)
10/KOL/03	KONINKLIJKE PHILIPS ELECTRONICS N.V. <i>ENCODER OF A REDUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM.</i> (DIVIDED OUT OF NO. 112/CAL/97 ANTEDATED TO 21.01.1997.)

**13.01.2003**

11/KOL/03	SANJAY BUDHIA. <i>A STORAGE TANK MADE OF POLYMERIC MATERIAL FOR HOLDING WATER IN RAILWAY COMPARTMENTS.</i>
12/KOL/03	CHUNG CHWAN ENTERPRISE CO. LTD. <i>POSITIONING MECHANISM OF A ZIPPER SLIDE.</i> (CONVENTION NO. 91203179 FILED ON 15.3.2002 IN TAIWAN.)

**14.01.2003**

13/KOL/03	KONINKLIJKE PHILIPS ELECTRONICS N.V. <i>TRANSMITTER OF A REDUCED COMPLEXITY SIGNAL TRANSMISSION SYSTEM.</i> (DIVIDED OUT OF NO. 98/CAL/97 ANTEDATED TO 20.01.1997)
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14/KOL/03	JOHNSON & JOHNSON VISION CARE, INC. <i>OPHTHALMIC DEVICES CONTAINING HETEROCYCLIC COMPOUNDS AND METHODS FOR THEIR PRODUCTION.</i> (CONVENTION NOS. 60/348585 AND 10/320572 FILED ON 14.1.02 AND ON 16.12.02 IN U.S.A. RESPECTIVELY.)
15.01.2003	
15/KOL/03	NIRMAL CHANDRA SUKUL. <i>A METHOD FOR IDENTIFICATION OF A DRUG AT ULTRA HIGH DILUTION OR A HOMEOPATHIC POTENCY.</i>
16/KOL/03	MORSE TEC EUROPE, S.R.L. <i>HYDRAULIC TENSIONER OF THE HOLLOW PISTON TYPE WITH A SCREW-TYPE RETAINING DEVICE.</i> (CONVENTION NO. 02425131.6 FILED ON 07.03.02 IN EPO.)
16.01.03	
17/KOL/03	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD. <i>DOUBLE LANE PORTABLE STEEL BRIDGE.</i>
17.01.2003	
18/KOL/03	MITSUI CHEMICALS, INC. <i>A PROCESS FOR THE PREPARATION OF A SOLID TITANIUM CATALYST COMPONENT.</i> (CONVENTION NO. 7-263237 FILED ON 11.10.95 IN JAPAN.)
19/KOL/03	MERCK PATENT GMBH. <i>COSMETIC BODY PIGMENT AND PROCESS FOR PREPARING THE SAME.</i> (CONVENTION NO. 2002-013009 FILED ON 22.01.02 IN JAPAN)
20.01.2003	
20/KOL/03	INFECTIO DIAGNOSTIC (I.D.I)I INC. <i>A DIAGNOSTIC KIT FOR THE DETECTION AND/OR QUANTIFICATION OF THE NUCLEIC ACIDS OF ANY COMBINATION OF THE MICROBIAL SPECIES AND/OR GENERA SELECTED FROM THE GROUP CONSISTING OF ENTEROCOCCUS FAECIUM, LISTERIA MONOCYTOGENES, NEISSERIA MMENINGITIDIS, STAPHYLOCOCCUS SAPROPHYTICUS, STREPTOCOCCUS AGALACTIAE, CANDIDA ALBICANS, ENTEROCOCCUS SPECIES, NEISSERIA SPECIES, STAPHYLOCOCCUS SPECIES, STREPTOCOCCUS SPECIES AND CANDIDA SPECIES.</i> (DIVIDED OUT OF NO. 2153/CAL/97 ANTEDATED TO 13.11.1997.)
21/KOL/03	MULTIPLE CORPORATION. <i>RUBBER EXTRUDER.</i>

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

#### संवीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर आगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/-रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/-रुपये की अदायगी पर की जा सकती है।

**IND. CL.** : 179 F [XL(6)] 189551

**INT. CL.** : B 65 D – 53/00

**TITLE** : AN IMPROVED SEAL

**APPLICANT** : JALOO JIMMY CANTEENWALLA, SORAB JIMMY CANTEENWALLA, PEENAZ JIMMY CANTEENWALLA, Y-5, CAMA BUILDING, CAMA ROAD, ANDHERI WEST, MUMBAI 400 058, MAHARASHTRA, INDIA. ALL INDIAN NATIONALS

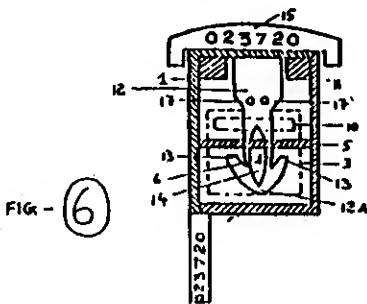
**INVENTORS** : JIMMY SORAB CANTEENWALLA

**APPLICATION NO** : 310 BOM 1997 FILED ON 19.05.1997  
PATENT OF ADDITION TO : 17 BOM 96 DATED 10.01.1996

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 11 CLAIMS

An improved seal comprises of a box open at its one end atleast one "U" ring bracket provided integrally or otherwise fixed to an inside wall of the said box, the opening of the said 'U' ring bracket being co-axial to the open end of the said box, a short projecting spike provided below the said 'U' ring bracket; a plate slidably provided inside the said box and an arrow/anchor shaped insert having a shaft/stem in the middle and flukes on its both sides, the said flukes in the spreaded form having a span greater then the opening of the said 'U' ring bracket of the said box, the said shaft/stem of the insert being bisected by an elongated slit one or more hole (s) being provided in the shaft/stem of the said insert above the said slit. the said projecting spike provided below the said 'U' ring bracket of the box penetrating into the said slit on fully inserting the said arrow/anchor shaped insert into the said box.



IND. CL. : 189 [LXVI(9)] 189552  
INT. CL. : A 61 K 7/48  
TITLE : A PROCESS FOR PREPARING A SKIN CONDITIONING COMPOSITION CONTAINING RETINOL AND A RETINYL ESTER.  
APPLICANT : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION,  
BOMBAY 400 020, MAHARASHTRA,  
INDIA, AN INDIAN COMPANY.  
INVENTOR(S) : 1. STEWART PATON GRANGER  
2. ANTHONY VINCENT RAWLINGS  
3. IAN RICHARD SCOTT

APPLICATION NO : 226 BOM 1997 FILED ON : 15.04.97

PRIORITY NO. 08/638074 DATED 25.04.96 OF U.S.A

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

#### 06 CLAIMS

A process for preparing skin conditioning composition comprising:

- (a) mixing 0.001% to about 10% of a compound selected from the group consisting of retinol and a retinyl ester;
- (b) 0.0001% to about 50% of an azole;
- (c) 0.0001% to about 50% of a fatty acid amide ; and
- (d) a cosmetically acceptable vehicle.

Complete Specification: 36 Pages;

Drawings Nil Sheets.

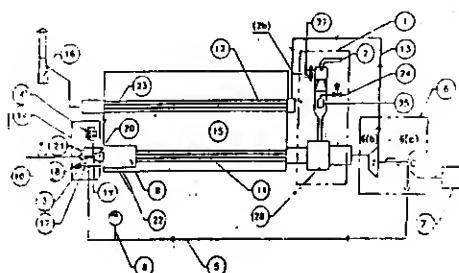
IND. CL. : 98 E [ VII (2) ] 189553  
INT. CL. : F 24 H - 7/04  
TITLE : AN IMPROVED HEAT TRANSFER EQUIPMENT/SYSTEM  
APPLICANT : THERMAX LIMITED, D-13, MIDC INDUSTRIAL AREA,  
CHINCHWAD, PUNE 411 019, MAHARASHTRA, INDIA,  
AN INDIAN COMPANY  
INVENTORS : (1) DR.NARENDRA DATATRAYA JOSHI  
(2) DILIP WAMAN BAPAT  
(3) ALDEN CARMO LOBO  
(4) SAMIR VASUDEO KULKARNI  
(5) CHARLES PHILOMINRAJ  
APPLICATION NO : 261/BOM/1997 FILED ON 28.04.1997  
Complete specification filed after provisional specification on:  
23.07.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**06 CLAIMS**

A system for transferring and recovering heat from products of combustion (flue gases) of a fuel in radiant and two stage convection section comprising in combination

- i) A fuel burner assembly operably connected upstream to a turbo charger/turbo compressor.
- ii) said turbo charger/turbo compressor being provided with a start up mechanism
- iii) said fuel burner assembly operably connected down stream to a heat transfer and recovery system having one or more, preferably two heat exchangers of the convective heat exchange type and an exhaust or stack for the exit of spent flue gases.
- iv) said start up device comprising an air eductor assembly, external air supply feed line, an external fuel supply source, a liquid/gaseous fuel burner and a mixing chamber assembly operably connecting said start up device to said turbo charger/turbo compressor and said heat recovery system and
- v) said fuel burner assembly comprising a pilot burner, an ignition source such as an ignition transformer, a turbo compressed air inlet duct, a primary housing accommodating a burner rod and nozzle assembly and a secondary housing made of a combustion chamber having upstream secondary air mixing assembly and an air diffuser assembly.



Prov.specn. 04 pages  
Comp.specn. 23 pages.

Drawings: Nil

IND. CL. : 77 B (2) XI 189554

INT. CL. : B 30 B 9/00; 9/02

**TITLE** : A METHOD AND APPARATUS FOR SEPARATING OF TWO LIQUIDS OF DIFFERENT DENSITIES BY GRAVITY OBTAINED IN A LIQUID-LIQUID EXTRACTION.

**APPLICANT** : OUTOKUMPU TECHNOLOGY OY,  
RIIHITONTUNTIE 7,  
FIN-02200 ESPOO, FINLAND,  
A FINNISH CO.

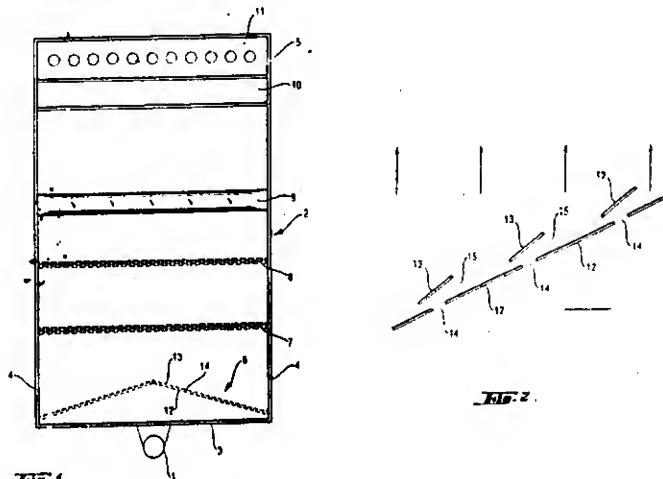
**INVENTORS** : 1. BROR NYMAN.  
2. LAUNO LILJA,  
3. STIG-ERIK HULTHOLM,  
4. JUHANI LYRRA,  
5. RAIMO KUUSISTO,  
6. PETRI TAIPALE,  
7. TIMO SAARENPAÄ,

**APPLICATION NO.** : 268/BOM/1997      **FILED ON :** 29-04-1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

### 06 CLAIMS

A method for separating of two liquids of different densities by gravity obtained in a liquid-liquid extraction process which comprises (a) introducing a dispersion of said liquids by allowing same to flow into a feeding end of a settler; (b) adjusting the flow speed of the lighter liquid through a settler so that it is greater than that of the heavier liquid; (c) preventing flow turbulence at the border of the two liquids caused by said differing flow speeds by providing a heavier liquid drop dispersion layer between the two liquids extending along said border of said liquids until a discharge point of said settler; (d) passing said dispersion of liquids and settled liquids through at least three picket fences each of which forms a restricted transverse surface; (e) turning liquid flow at the first picket fence in a longitudinal direction of the settler; (f) allowing settled heavier liquid to flow freely in the bottom of the settler at the next picket fence; and (g) recovering separated liquid.



Complete specification: 17 pages,

Drawings: 04 Sheets

**IND. CL.** : 189 VI (9) 189555

**INT. CL.** : A 61 K 7/00, 7/48

**TITLE** : A SKIN TREATMENT COMPOSITION

**APPLICANT** : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION,  
BOMBAY 400 020, MAHARASHTRA,  
INDIA, AN INDIAN COMPANY.

**INVENTOR(S)** : 1. BRIAN JOHN DOBKOWSKI  
2. ALEXANDER PAUL ZNAIDEN  
3. MICHAEL CHARLES CHENEY  
4. WALTER ROSE

**APPLICATION NO :** 364/BOM/1997 **FILED ON :** 19.06.97

PRIORITY NO. 60/020,745 DATED 28.06.96 OF U.S.A

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 06 CLAIMS

A skin treatment composition comprising :

- (i) from 0.1 to 30% of a crosslinked non-emulsifying siloxane elastomer;
- (ii) from 10 to 80% of a volatile siloxane; and
- (iii) from 50 to 85% by weight of water.

Complete Specification: 18 Pages;

Drawings NIL Sheets.

**IND. CL.** : 170 D 189556

**INT. CL.** : C 11 D – 1/ 00,1/32

**TITLE** : A PROCESS FOR MANUFACTURE OF A DETERGENT COMPOSITION

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : 1. CHRISTOPHER CLARKSON JONES  
2. AMANDA PERRY

**APPLICATION NO** : 379/BOM/1997 FILED ON 25.06.1997  
Priority No.9613758.3 dated 01.07.1996 of GB.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **12 CLAIMS**

A process for manufacture of detergent composition comprising a surfactant and selectively providing a peptide or protein Deposition Aid having a high affinity for fibres/fabrics or any surface thereof and a benefit agent attached/adsorbed to the peptide or protein including enzymes Deposition Aid directly or via a linking group.

Comp.specn. 33 pages,

Drawings NIL

tg

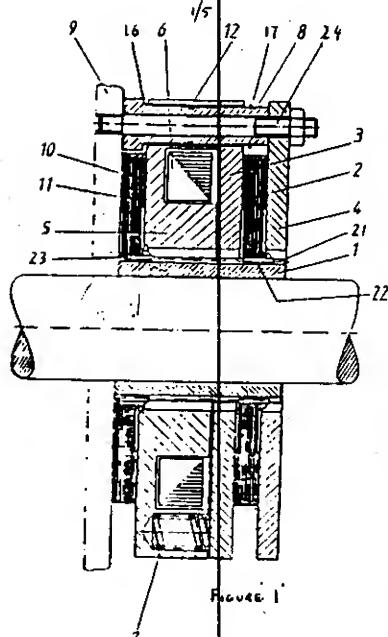
IND. CL : 147 C [LX (3)] 189557  
 INT. CL. : F 16 D 59/00  
 TITLE : SAFETY BRAKE ASSEMBLY.  
 APPLICANTS : CHR. MAYR GMBH & CO.  
 KG, EICHENSTRÄE 1,  
 87665 MAUERSTETTEN,  
 FEDERAL REPUBLIC OF GERMANY.  
 INVENTORS : 1. CHRISTOPH DROPMANN  
 2. KARL SCHILLING

APPLICATION NO. 393/BOM/1997 FILED ON : 02/07/1997  
 PRIORITY NO. 296 11 732.3 FILED ON 05/07/1996 OF FEDERAL  
 REPUBLIC OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 16 CLAIMS.

1) A safety brake assembly preferably for elevators and lifts which provides a braking effect between a housing and two brake discs (2,11) which rotate with respect to the housing comprising :



the housing, having two friction surfaces (4,9) facing each other and held apart by one or more spacing rods, each carrying a bush (8) :

the two brake discs disposed inwardly from the friction surfaces (4,9) of the housing :

an electromagnet assembly with armature disk (3) between said two brake discs (2,11) and having, two outwardly facing friction surfaces, resilient means (7) to urge the outwardly facing friction surfaces apart and into frictional engagement with the two brake discs (2,11) and the electromagnets (6) of said electromagnet assembly to pull the friction surfaces together and out of engagement with the two brake discs (2,11); the brake discs (2,11) being free to move in an axial direction; the electromagnet assembly being floatingly disposed between the two brake discs thereby allowing its free movement in the said axial direction, the said electromagnetic assembly being constrained against rotational movement by the one or more spacing rods.

IND. CL. : 136 [ XIII ] 189558

INT. CL. : B 65 D, B 29 C

TITLE : DRUM LIKE CONTAINER MADE OF PLASTIC AS WELL AS THE PROCESS AND EQUIPMENT FOR IT'S MANUFACTURE/ PRODUCTS.

APPLICANT : DIPL.-ING. GUNTER RICHTER, JOHANNISTAL 12, D-57610 ALTENKIRCHEN, GERMANY.

INVENTORS : -IDEM-

APPLICATION NO : 455/BOM/1997 FILED ON 29.07.1997  
Priority No. 196 35 334.3 dated 31.08.1996 of GERMANY

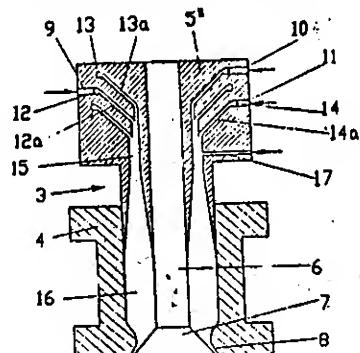
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 10 CLAIMS

Drum-like container consisting of a discontinuously extruded tube-like perform made of a thermoplastic plastic, in the blow moulding process, with a wall with an inner layer, an outer layer and at least one intermediate layer, characterized by the fact that the walls show a visible strip (2) made of translucent plastic which stretches in an axial direction.

Comp.specn. 10 pages, Drgs. 1 sheet

tg



<b>IND. CL.</b>	:	123 I (4)	189559
<b>INT. CL.</b>	:	A 01 N 25/00 C 05 B 7/00	
<b>TITLE</b>	:	A FERTILIZER COMPOSITION AND METHOD OF PREPARING THE SAME.	
<b>APPLICANT</b>	:	MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. BERLIN, GERMANY, GERMAN COMPANY.	
<b>INVENTOR(S)</b>	:	1. PROFESSOR AJIT VARMA 2. DR. PHILIPP FRANKEN	
<b>APPLICATION NO :</b>	702/BOM/1997 FILED ON : 05.12.97		

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 03 CLAIMS

A fertilizer composition comprising mixing in an aqueous solution or suspension the following ingredients:

- 0.1% to 80% by weight of fungi of genus *Piriformospora* DSM No. 11827.
- 0.01% to 25% by weight of 2-chloroethane – phosphoric acid or ester or salt thereof; and
- 1 to 20% by mass of urea,  
in a total amount of 1-95% by weight in admixture with additives suitable for floatation and/or dispersion of the solid phase and wetting agents.

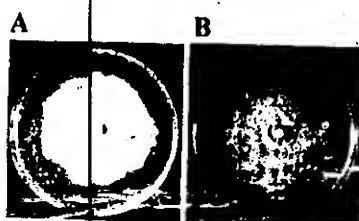


FIG. 1



FIG. 2

Complete Specification: 44 Pages;

Drawings 10 Sheets.

IND. CL. : 32 F 2 a 189560

INT. CL. : C 07 D 277/32  
213/61  
405/06  
417/14

**TITLE** : PROCESS FOR THE PREPARATION OF 1,3-DISUBSTITUTED 2-NITROGUANIDINES.

**APPLICANT** : BAYER AKTIENGESELLSCHAFT,  
D-51368 LEVERKUSEN,  
GERMANY.

**INVENTORS** : 1. KAI VAN LAAK.  
2. WOLFRAM SIRGES.  
3. DETLEF WOLLWEBER.

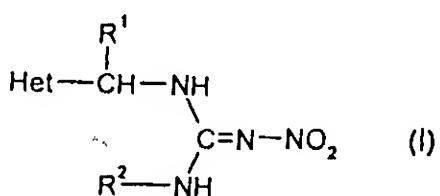
**APPLICATION NO.** : 1081 MUM 2000 **FILED ON :** 29-11-2000.

PRIORITY NO. 199 61 604-3 DATED 21.12.99 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

### 07 CLAIMS

1. Process for the preparation of 1, 3-disubstituted 2-nitroguanidines of the formula (I)



in which

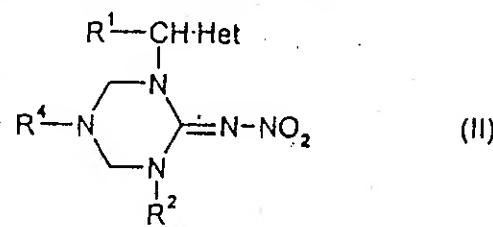
$\text{R}^1$  is hydrogen or alkyl,

$\text{R}^2$  is hydrogen, alkyl, cycloalkyl or  $-\text{CH}_2\text{R}^3$ ,

$\text{R}^3$  is alkenyl, alkinyl or aryl or heteroaryl each of which is optionally substituted,

Het is an unsubstituted or substituted aromatic or non-aromatic, monocyclic or bicyclic heterocyclic radical,

Characterized in that a compound of the formula (II)



in which

$\text{R}^1$ ,  $\text{R}^2$  and Het are as defined above, and

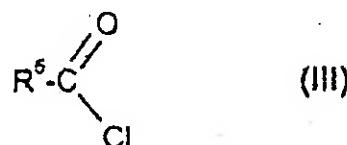
$\text{R}^4$  is alkyl, cycloalkyl, aryl, arylalkyl or heterocyclalkyl, each of which may be unsubstituted or substituted,

is reacted

with anhydrous hydrogen chloride in the presence or absence of a diluent

or with one or more compounds which can generate hydrogen chloride with protic solvents, in particular with alcohols or carboxylic acids, where the hydrogen chloride generating compounds are selected from

a) Group A: compounds of formula (III)



in which

$\text{R}^5$  is alkyl, cycloalkyl, aryl, arylalkyl or heterocyclalkyl, each of which may be substituted,

and

b) Group B: reactive nonmetal and metal chlorides, and reactive nonmetal and metal oxychlorides.

Complete specification: 31 pages,

Drawings: Nil Sheets

**IND. CL** : 128 G [XIX (2)] 189561

**INT. CL.** : A 61 M 5/32  
B 65 D 85/24

**TITLE** : A SHARPS DISPOSAL SYSTEM

**APPLICANTS** : BIO-PLEXUS, INC.,  
384 MERROW ROAD,  
TOLLAND,  
CONNECTICUT 06084,  
UNITED STATES OF AMERICA.

**INVENTORS** : 1. DOUGLAS A. RACICOT,  
2. PHILIP S. KINSEY,  
3. RICHARD G. HOLDAWAY,  
4. GARY L. EDMOND,  
5. GREGORY F. BIANCARDI

**APPLICATION NO.** 328/BOM/1997      **FILED ON :** 28/05/1997  
**U.S. CONVENTION PRIORITY NO.** 08/670, 270 **FILED JUNE 21, 1996.**

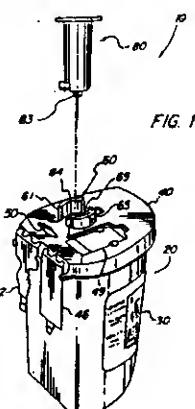
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

**36 CLAIMS.**

1) A sharps disposal system comprising:

a holder, said holder including movable actuator means for detachably mounting a hub to said holder; and

a sharps receptacle having a generally hollow base with an open end and a generally rigid cover for closing said open end of said base, said cover having a hub passage aperture sized and shaped to permit passage of a hub into the interior of the receptacle, said cover also having a release structure which aligns said holder with said aperture and which engages said actuator means or said holder, said release structure operating said actuator means to cause detachment of a mounted hub from said holder, said release structure extending upwardly from said cover and being in spaced relationship to said aperture in said cover such that a hub detached from said holder by operation of said release structure will pass into said sharps receptacle as a result of placement of said holder into engagement with said release structure.



<b>IND. CL.</b>	:	55 (A) [XIV(3)]	189562
<b>INT. CL.</b>	:	A 61 K 7/00; 7/32	
<b>TITLE</b>	:	A COSMETIC ANTIPERSPIRANT COMPOSITION INTENDED FOR COOLING SKIN.	
<b>APPLICANT</b>	:	HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.	
<b>INVENTORS</b>	:	1. VERNON PETER JOHN MARTI 2. JOHN TEMPLE.	
<b>APPLICATION NO.</b>	:	348/BOM/1997	<b>FILED ON :</b> 09-06-1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

### 08 CLAIMS

A cosmetic antiperspirant composition intended for cooling skin comprising 0.1 to 20% by weight of known antiperspirant active, as herein described, 3.5 to 90% by weight of a liquefied volatile propellant, such as herein described, and 1 to 30% by weight of a volatile cyclomethicone liquid carrier which further contains a retardant of the volatilization of the propellant, that is 0.05 to 6% by weight of silicone polymer or a silicone fluid having a viscosity of greater than 60000 centistokes.

Complete specification: 21 pages,

Drawings: 01 Sheets

**IND. CL** : 32 F 3 B 189563  
**INT. CL.** : C 07 C 53/00;  
                  53/19  
**TITLE** : A PROCESS FOR THE PREPARATION OF MONOESTERS  
                  OF ALIPHATIC SATURATED OR UNSATURATED,  
                  STRAIGHT OR BRANCHED CHAIN.  
**APPLICANTS** : HINDUSTAN LEVER LIMITED,  
                  HINDUSTAN LEVER HOUSE,  
                  165-166, BACKBAY RECLAMATION  
                  MUMBAI : 400 020.  
                  MAHARASHTRA,  
                  INDIA.  
**INVENTORS** : 1. CHRISTINE DAVIES.  
                  2. ALASDAIR ROBIN MACRAE

**APPLICATION NO.** : 349/BOM/1997      **FILED ON** : 09/06/1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

**10 CLAIMS.**

1. A process for the preparation of a mono-ester of aliphatic, saturated or unsaturated, straight or branched chain, C<sub>2</sub>-C<sub>24</sub> monocarboxylic acid and a polyhydric alcohol which comprises contacting the acid and alcohol, in the presence of an enzyme, the improvement wherein the enzyme is potato lipid acyl hydrolase whereby the mono-ester is formed with a minimum formation of di-or higher-ester.

Complete Specification : 15 Pages;

Drawings 02 Sheet.

IND. CL.	:	25 A [ XXV (1) ], 25 B [ XXV (1) ]	189564
INT. CL.	:	B 32 B – 7/00;31/00, E 04 F – 15/00;15/10	
TITLE	:	A FLEXIBLE FLOOR COVERING TILES AND A PROCESS OF MANUFACTURING THE SAME.	
APPLICANT	:	DLW AKTIENGESELLSCHAFT, 74319 BIETIGHEIM-BISSIONGEN, GERMANY	
INVENTORS	:	HANS-DIETER VIELUF	
APPLICATION NO	:	429/BOM/1997 FILED ON 16.07.1997	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 13 CLAIMS

A flexible floor covering tile, comprising at least one upper and at least one lower service layer and a carrier arranged between service layers, wherein the at least one upper and the at least one lower service layers are linoleum service layers and wherein at least one auxiliary layer is arranged between the carrier and the service layers, the auxiliary layer(s) is/are a heat insulating layer and/or layer for solid borne sound insulation.

Comp.specn.: 19 pages.

Drawings:Nil

IND. CL. : 141 E [XXXIII(8)] 189565  
 INT. CL. : B 22 F 3/10  
 TITLE : AN IMPROVED SYNCHRONIZER RING FOR GEAR TRANSMISSION.  
 APPLICANT : NIPPON PISTON RING CO., LTD.,  
 2-6, KUDAN-KITA  
 4 - CHOME, CHIYODA – KU,  
 TOKYO 102, JAPAN,  
 JAPANESE CO.  
 INVENTORS : 1. YOSHIKATSU NAKAMURA  
 2. TETSUO MASUYAMA  
 APPLICATION NO. : 436 BOM 1997 FILED ON : 21-07-1997

PRIORITY NO. 8-230208

DATED 30-08-1996 OF JAPAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

09 CLAIMS

An improved synchronizer ring, made of Fe-based sintered alloy, having an internal circumferential surface, said internal circumferential surface being adapted to detachably engage in synchronized sliding with a rotating counterpart member thereof, wherein said internal circumferential surface being applied with aqueous vapor treatment to form iron oxide film therein.

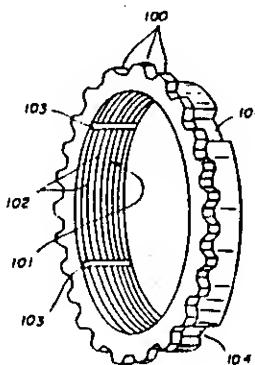


FIG. I

Complete specification: 17 pages,

Drawings: 03 Sheets

IND. CL : 55 F 189566

INT. CL. : A 61 K 31/07

TITLE : A PROCESS FOR THE PREPARATION OF A COSMETIC OIL-IN-WATER EMULSION

APPLICANTS : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165-166, BACKBAY RECLAMATION  
MUMBAI : 400 020.  
MAHARASHTRA,  
INDIA.

INVENTORS : 1. STEPHAN SAMUEL HABIF  
2. JOHN BRIAN BARTOLONE  
3. DENNIS BRIAN SINFIELD  
4. FALGUNI SNEHAL NANAVATY.

**APPLICATION NO. 479/BOM/1997 FILED ON : 12/08/1997**  
**PRIORITY NO. 08/706, 009 FILED ON 30/08/1996 OF U.S.A.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

**07 CLAIMS.**

1) A process for the preparation of a cosmetic oil-in-water emulsion comprising mixing :

- (i) a cosmetic benefit ingredient selected from the group consisting of a hydroxy acid, retinol, retinoic acid, retinal, C<sub>2</sub>-C<sub>5</sub> retinyl ester and mixtures thereof;
- (ii) borage seed oil in an amount in an amount of from 0.05 to 10 wt.%; and
- (iii) at least 50% water.

Complete Specification : 28 Pages;

Drawings Nil Sheet.

IND. CL. : 55 F 189567

INT. CL. : A 61 K - 31/07

TITLE : A METHOD OF MAKING A STABLE OIL IN WATER EMULSION

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) STEPHAN SAMUEL HABIF  
 (2) ALEXANDER LIPS  
 (3) PREM CHANDAR  
 (4) MARK EDWARD REREK

APPLICATION NO : 487 BOM 1997 FILED ON 18.08.1997  
 Priority No. 08/717,046 dated 20.09.1996 of U.S.A.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**07 CLAIMS**

A method of making a stable oil in water emulsion comprising:

- (1) preparing an aqueous phase and heating at temperature in the range of from about 75° C, to about 80° C, while mixing;
- (2) preparing a mixture containing a fluid oil and barrier ingredient components and heating the mixture to a temperature in the range of from about 75° C, to about 80° C, while mixing;
- (3) adding slowly the mixture of step (2) to the aqueous phase;
- (4) mixing the mixture obtained in step (3) for at least 15 minutes at a temperature in the range of from 75° C to about 80° C;
- (5) adding a retinoid after cooling the mixture obtained in step (4) to a temperature in the range of from about 50° C to about 55° C, while mixing;
- (6) filling in storage containers,  
     and optionally adding a hydroxy acid, after step 4, at a temperature in the range of from about 50° C, to about 60° C,

**IND. CL.** : 22 [XL(2)] 189568

**INT. CL.** : B 65 D 1/00

**TITLE** : AN IMPROVED PLASTIC CONTAINER.

**APPLICANT** : PRASHANT NISHIKANT JOSHI  
DAILY SAGAR, BOMBAY GOA  
ROAD, CHIPLUN RATNAGIRI,  
MAHARASHTRA, INDIA,  
INDIAN NATIONAL.

**INVENTOR(S)** : IDEM

**APPLICATION NO :** 499/BOM/1997 **FILED ON :** 26.08.97

APPROPRIATE OFFICE FOR OPPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 CLAIMS

An improved plastic container having an enlarged body with an inbuilt handle at the top and a spout at the top corner closeable by a cap; the opening of the spout being bifurcated into two compartments forming a bigger opening, at the extreme top corner for filling and dispensing liquid and a smaller opening for air vent the said smaller opening being connected to an inbuilt tubing provided below the handle and emerging out at the other end of the body at its top portion.

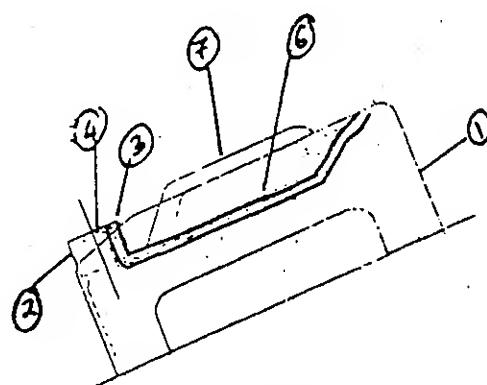


FIG. 3

IND. CL : 143 D 4 189569  
 INT. CL. : B 65D  
 1/00,1/30  
 TITLE : SPACING DEVICE FOR SPREADING STAMPED MATERIAL.  
 APPLICANTS : HINDUSTAN LEVER LIMITED,  
 HINDUSTAN LEVER HOUSE,  
 165-166, BACKBAY RECLAMATION  
 MUMBAI : 400 020.  
 MAHARASHTRA,  
 INDIA  
 INVENTORS : 1. DANIEL JOHN HEINZ  
 2. OLIVER KLEIN  
 3. MARIO PETER NEUHOF  
 4. HANS-JUERGEN SOLERT  
 5. KEVIN JOHN STAMP.

APPLICATION NO. : 500/BOM/1997 FILED ON : 27/08/1997

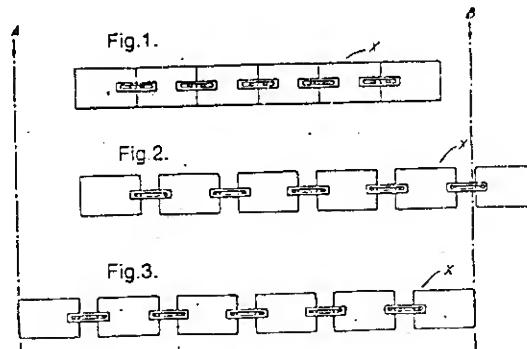
PRIORITY NO. : 19634867.6 FILED ON : 28/08/1996 OF DE-GERMANY

PRIORITY NO. : 19637184.8 FILED ON : 12/09/1996 OF DE-GERMANY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

10 CLAIMS.

- 1) A spacing device for spreading stamped material during transfer from a stamping means to packaging line, the device comprising:  
 - a train of at least a first carriage and a last carriage, each carriage being mounted for movement along an axis, the carriages being coupled together to allow spacing therebetween upon movement of one of the carriages; and  
 - driving means which when operated moves the first carriage in a direction along the axis;  
 - actuating means which includes a pivotable lever with a first end, a second end, and a pivot axis therebetween, said pivot axis being situated between the first and the last carriage on the longitudinal axis of a carriage train, said first end being pivotally linked to the first carriage through a single pivotable linkage, said second end being pivotally linked to the last carriage through a single pivotable linkage;  
 wherein the driving means is a single driving means and the first carriages or the single driving means is operatively connected to an actuating means such that when the driving means moves the first carriage along the axis, the actuating means moves the last carriage along the axis in the direction opposite to the direction of movement of the first carriage thereby spacing the train of carriage apart.



Complete Specification : 15 Pages;

Drawings 03 Sheet.

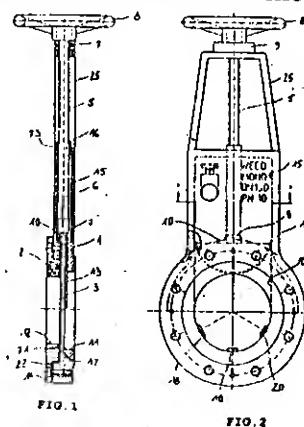
IND. CL.	:	E 03 D, 1/00, 1/30	189570
INT. CL.	:	45 G (3)	
TITLE	:	A SLIDE VALVE WITH MONOBLOCK CASING.	
APPLICANT	:	WECO ARMATUREN GMBH ELSENROTHER STRABE, 51, 51588, NUMBRECHT, GERMANY.	
INVENTOR(S)	:	GUMTER WEHR	
APPLICATION NO :	509/BOM/1997 FILED ON : 01.09.1997		

PRIORITY NO. 29611546.0 DATED 04.07.96 OF Germany.  
 PRIORITY NO. 19706575.9 DATED 20.02.97 OF Germany.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

#### 08 CLAIMS

A slide valve for the installation in piping for liquid and gaseous media as well as for free-flowing granulous and powdery materials, with a casing which is composed of two casing elements (1,2;51,52) which are each provided with a pass-through opening (11,12;61,62) and are mutually connected by connecting means, and with a slider plate (3, 53) which is guided between the two casing elements (1,2; 51,52) and is connected with a spindle (5,55) for slidingly controlling the slider plate between an opened and closed position for the pass-through opening of the causing and with sealing means which are inserted in the casing, enclose the pass-through opening of the casing in a sealing ring and have a sealing contact with respect to the slider plate (3) at least in the closed position of the slider plate, characterized in that the first casing element (1,51) forms a slider bed (13,63) for the slider plate (3,53), which encompassed the pass-through opening (11,61) of the first casing element and which receives the slider plate in the closed position of the slider plate, that the second casing element (2,52) is arranged as an annular lid which encompasses the pass-through opening (12,62) of the second casing element and occludes the slider bed (13, 63), that the first casing element (1, 51) comprises a slider chamber (15,65) which is adjacent to the slider bed (13, 63), encloses the slider plate (3,53) completely in the opened position of the slider plate and beyond this is provided with a pass-through opening (16, 66) for a shaft (6, 56) actuated by the spindle (5, 55) and that the slider plate (3, 53) is insertable into the slider chamber (15, 65) exclusively through of the slider bed (13,63).



**IND. CL.** : 170 B +D [ XLIII(4) ] 189571

**INT. CL.** : C 11 D- 11/ 00

**TITLE** : A PROCESS FOR PREPARATION OF A GRANULAR DETERGENT COMPOSITION.

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : ANSHU MALI GUPTA

**APPLICATION NO** : 513 BOM 1997 FILED ON 04.09.1997  
Priority No. 9618877.6 dated 10.09.1996 of G.B. United Kingdom.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH , MUMBAI - 13.**

**12 CLAIMS**

A process for preparation of a granular detergent composition which process comprises the steps of

- (i) forming a liquid feedstock comprising a liquid binder containing
  - (a) a nonionic surfactant;
  - (b) a surfactant; and
  - (c) an acid precursor selected from the group consisting of a fatty acid precursor of a soap and an acid precursor of an anionic surfactant;
- (ii) dosing the liquid feedstock and a solid component into a high-speed mixer/densifier, to form a granular detergent material and forming further structurant in situ in the high-speed mixer/densifier by reaction of the acid precursor with an alkali metal hydroxide solution;
- (iii) subsequently treating the granular detergent material in a moderate-speed granulator/densifier, whereby it is brought into or maintained in a deformable state; and
- (iv) drying and/or cooling the product of step (iii).

IND. CL. : 170 A 189572  
INT. CL. : C 11 D 17/00, 17/04  
TITLE : DEVICE FOR HANDLING A PLASTIC MATERIAL AND THE PROCESS FOR PRODUCING SUCH A DEVICE.  
APPLICANT : HINDUSTAN LEVER LTD.  
HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION  
MUMBAI-400 020,  
MAHARASHTRA, INDIA.  
INVENTORS : 1. OLIVER KLEIN  
2. MARIO PETER NEUHOF  
3. HANS-JUERGEN SOLERT  
APPLICATION NO. : 514/BOM/1997 FILED ON : 04-09-1997

PRIORITY NO. 9619139.0 DATED 13-09-1996 OF GB-UK.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

#### 04 CLAIMS

A device for stamping a plastic material to produce shaped articles comprising a contact surface for contacting the plastic material, the contact surface having an elastomeric layer comprising at least two elastomeric coatings, said at least two elastomeric coatings being of different properties wherein the outer elastomeric coating such as herein defined provides a desired release property and the underlying elastomeric coating such as herein defined provides a desired adhesive property.

Complete specification: 20 pages,

Drawings: 01 Sheets

IND. CL. : 55 A [XIX(1)] 189573  
INT. CL. : A 61 K 7/32  
TITLE : A PROCESS FOR PREPARING A TOPICAL COSMETIC COMPOSITION FOR TOPICAL APPLICATION TO THE HUMAN SKIN.  
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.  
INVENTORS :  
1. MICHAEL RICHARD LOWRY  
2. GORDON ROBERT WIGHT  
APPLICATION NO : 534/BOM/1997 FILED ON 12/09/1997.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 09 CLAIMS

A process for preparing a topical cosmetic composition for topical application to the human skin, comprising mixing a deodorant active material comprising a cosmetically acceptable polyhexamethylene biguanide salt, a cosmetically suitable vehicle comprising a short chain monohydric alcohol, and a non polar propellant composition having a Hildbrand Solubility Parameter of less than 14.5 Mpa, characterized in that the composition additionally comprises an effective amount of water and optionally comprises a polarity modifier.

IND. CL.	:	61 I	189574
INT. CL.	:	F 26 B 11/04	
TITLE	:	AERATION-TYPE ROTARY DRYER	
APPLICANT	:	YAMATO SANKO MFG. CO. LTD., I-2, KYOBASHI 3-CHOME, CHUO-KU, TOKYO 104, JAPAN.	
INVENTOR(S)	:	YUKIO YAMATO	
APPLICATION NO :	535/BOM/1997 FILED ON : 12.09.1997		

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 08 CLAIMS

An aeration-type rotary dryer comprising an inlet box (11), an outlet box (12), a rotary cylinder (10) having inlet-side and outlet-side ends thereof air-tightly and rotatably fitted in said inlet and outlet boxes, a material-feeding device (14) attached to said inlet box, outlet and exhaust ports (15, 16) disposed respectively in said outlet box, an air duct (21) axially extending through said cylinder from said outlet box to said inlet box, a plurality of radial pipes (27) branched slant downward from said air duct and having outer ends thereof located near to an inner surface of said cylinder, an inlet partition (31) formed with a central circular opening (32) and fixed to the inner surface of said cylinder at the inlet-side and thereof, an outlet partition (33) formed with a circular opening (34) and fixed to the inner surface of said cylinder at the outlet-side end thereof, characterized in that said air duct is composed of a plurality of longitudinally, successively connected tubular members (22,23),24 each nearer to said inlet box being smaller in diameter than the other nearer to said outlet box.

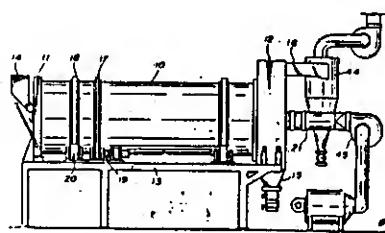


FIG.1

Complete Specification: 16 Pages;

Drawings 07 Sheets.

IND. CL. : 32 F 2 [IX(1)] 189575  
INT. CL. : C 07 C 87/28;  
C 07 C 147/12  
TITLE : A PROCESS FOR THE PREPARATION OF AMINO DI (ALKYLARYL) PHOSPHORODITHIOATE  
APPLICANT : INDIAN OIL CORPORATION LIMITED,  
(A GOVT. OF INDIA UNDERTAKING),  
OF G-9, ALI YAVAR JUNG MARG,  
BANDRA (EAST),  
MUMBAI – 400 051.  
MAHARASHTRA, INDIA.  
INVENTORS : 1. DEEPAK KUMAR TULI.  
2. RAKESH SARIN.  
3. MADAN MOHAN RAI.  
4. AKHILESH KUMAR BHATNAGAR.  
APPLICATION NO. : 540/BOM/1997 FILED ON : 16-09-1997.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972),  
PATENT OFFICE BRANCH, MUMBAI 13.

#### 06 CLAIMS

A process for the preparation of amino di (alkylaryl) phosphorodithioate for use as an additive in a lubricant composition comprising:

- a) reacting distilled cashewnut shell liquid (CNSL) or hydrogenated distilled CNSL with 70-80% phosphorus pentasulfide mixed therewith for a period of preferably one hour under stirring at a temperature of 10-140°C to obtain CNSL phosphorodithioic acid;
- b) subjecting said CNSL phosphorodithioic acid to the step of condensation with amines so as to obtain said amino di (alkyaryl) phosphorodithioate.

IND. CL	:	40 B [IV (1)]	189576
INT. CL.	:	B 01 J 37/00	
TITLE	:	A NOVEL CATALYST COMPOSITION	
APPLICANTS	:	INDIAN OIL CORPORATION LTD. (A GOVT. OF INDIA UNDERTAKING) G-9-ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI : 400 051, MAHARASHTRA, INDIA.	
INVENTOR	:	1) RAKESH SARIN 2) SABYASACHI SINHA RAY 3) DEEPAK KUMAR TULI 4) MADAN MOHAN RAI 5) SOBHN GHOSH 6) AKHILESH KUMAR BHATNAGAR	

**APPLICATION NO. : 541/BOM/1997      FILED ON : 16/09/1997**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

**6 CLAIMS.**

1 A catalyst composition for use in oligomerisation of olefins contained in refinery distillate streams comprising an aluminium halide component and a catalyst component selected from an alkoxide of a metal belonging to group IV B of the period i.e. table and mixed with each other in the molar ratio of 100:1 to 4:1 respectively.

Complete Specification : 17 Pages;

Drawings Nil Sheet.

IND. CL : 55 E-2 189577  
 INT. CL. : A 61 K - 7/48  
 TITLE : SKIN CARE COMPOSITION CONTAINING AN AMIDE  
           AND A RETINOL OR RETINYL ESTER.  
 APPLICANTS : HINDUSTAN LEVER LIMITED,  
                   HINDUSTAN LEVER HOUSE,  
                   165-166, BACKBAY RECLAMATION  
                   MUMBAI 400 020.  
                   MAHARASHTRA,  
                   INDIA  
                   A COMPANY INCORPORATED UNDER THE INDIAN  
                   COMPANIES ACT, 1913.  
 INVENTORS : 1. STEWART PATON GRANGER  
               2. ANTHONY VINCENT RAWLINGS  
               3. IAN RICHARD SCOTT.

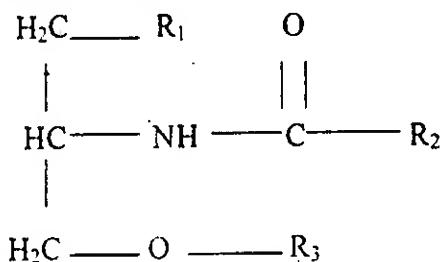
APPLICATION NO. : 548/BOM/1997 FILED ON : 24/09/1997  
 PRIORITY NO. : 08/722539 FILED ON : 27/09/1996 OF U.S.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 5 CLAIMS.

1. A skin care composition comprising:

- (a) From 0.001% to 10% of a compound selected from the group consisting of retinol, retinyl ester and mixtures thereof;
- (b) From 0.0001% to 50% of an N-substituted fatty acid amide of the following structure:



Wherein  $\text{R}_1$  = alkyl or alkoxy having from 1 to 10 carbon atoms;

$\text{R}_2$  = alkyl or alkenyl having from 8 to 25 carbon atoms;

$\text{R}_3$  = alkyl containing 1 to 5 carbon atoms, or a phosphate ester;

- (c) a cosmetically acceptable vehicle.

Complete Specification : 35 Pages;

Drawings Nil Sheet.

IND. CL	:	55 E2	189578
INT. CL.	:	A 61 K - 7/48	
TITLE	:	SKIN CARE COMPOSITIONS CONTAINING AN ACID AND A RETINOID.	
APPLICANTS	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION MUMBAI : 400 020. MAHARASHTRA, INDIA AN INDIAN COMPANY	
INVENTORS	:	1. STEWART PATON GRANGER 2. IAN RICHARD SCOTT.	

**APPLICATION NO. : 550/BOM/1997 FILED ON : 24/09/1997**  
**PRIORITY NO. : 08/721878 FILED ON : 27/09/1996 OF U.S.**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.**

**4 CLAIMS.**

1. A Skin conditioning composition comprising
  - (a) From 0.001% to 10% of a retinoid selected from the group consisting of retinol, retinyl ester and mixtures thereof;
  - (b) From 0.0001% to 50% of an acid selected from the group consisting of oleanolic acid, ursolic acid, and mixtures thereof; and
  - (c) A cosmetically acceptable vehicle.

**Complete Specification : 25 Pages; Drawings Nil Sheet.**

IND. CL. : 26 [XLIII(1)] 189579  
INT. CL. : A 46 B 15/00  
B 25 G 3/04  
TITLE : REPLACEABLE HEAD TOOTHBRUSH.  
APPLICANT : HINDUSTAN LEVER LTD.  
HINDUSTAN LEVER HOUSE, 165/166 BACKBAY  
RECLAMATION  
MUMBAI-400 020,  
MAHARASHTRA, INDIA.  
INVENTORS : 1. DONALD RICHARD LAMOND  
2. BERT DAVIS HEINZELMAN  
3. JOHN MOLDAUER  
APPLICATION NO. : 558 BOM 1997 FILED ON : 25-09-1997

**PRIORITY NO. 1) 60/026845**      **DATED 27-09-1996 OF U.S.A.**  
**2) 08/864874**      **DATED 20-05-1997 OF U.S.A.**

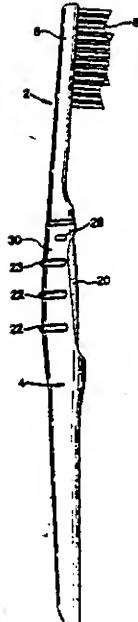
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.**

Fig. 1.

10 CLAIMS

A brushhead for a toothbrush handle, said brushhead comprising:

- i) a base;
- ii) bristle tufts projecting from the base;
- iii) a neck extending lengthwise from the base; and
- iv) a coupling anchor for engaging a reusable handle, the neck having first and second ends with the coupling anchor terminating at the second end, wherein the coupling anchor comprises a body portion with a pair of outwardly flexible wings which are rectangular and connected to the body on only a single side of their rectangular shape and that the wings flair outwardly from the second end of the neck toward the bristle tufts.



**Complete specification: 12 pages,**

## Drawings: 03 Sheets

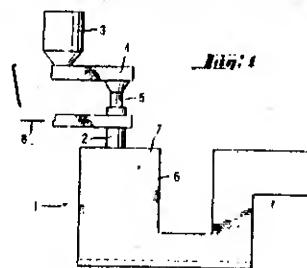
IND. CL : 85 I, R[XXX I] 189580  
 INT. CL. : F 27 D 3/18  
 TITLE : A MULTIADJUSTABLE BURNER FOR FEEDING AND DIRECTING REACTION GAS AND SOLIDS INTO SMELTING FURNACE.  
 APPLICANTS : OUTOKUMPU TECHNOLOGY OY,  
 RIIHITONTUNTIE 7,  
 FIN – 02200 ESPOO,  
 FINLAND,  
 A FINNISH CO.  
 INVENTORS : 1. ISMO HOLMI  
 2. TUOMO JOKINEN  
 3. LAUNO LILJA  
 4. JUSSI SIPILA  
 5. PEKKA TUOKKOLA  
 6. VESA TOROLA  
 7. LASSE VALLI.

APPLICATION NO. 561/BOM/1997 FILED ON : 25/09/1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

30 CLAIMS.

i) A method for producing metal by suspension smelting, in which the flow velocity of reaction gas and dispersion air of pulverous solid material is adjusted when feeding reaction gas and finely divided solids to a reaction shaft of a suspension smelting furnace for creating a controlled and adjustable suspension, where reaction gas is fed into the furnace from around a finely divided solid material flow, said solids being distributed with an orientation towards the reaction gas by means of dispersion air, wherein the flow velocity and discharge direction of the reaction gas to the reaction shaft are adjusted steplessly by means of a specially shaped adjusting member moving vertically in a reaction gas channel and by means of a specially shaped cooling block surrounding the reaction gas channel and located on an arch of the reaction shaft, so that the velocity of the reaction gas is adjusted to be suitable, irrespective of the gas quantity, in a discharge orifice located at a bottom edge of the reaction shaft arch, from which orifice the gas is discharged into the reaction shaft and forms there a suspension with the pulverous solid material, and the dispersion air needed for dispersing said material is adjusted according to the supply of the pulverous solid material, wherein the adjusting member adjusting the cross-sectional area and orientation of the reaction gas flow is cooled, and wherein curved surfaces of the adjusting member and of the cooling block located on the side of the reaction gas channel are designed so as to reduce the cross-sectional flow area in the discharge direction of the reaction gas.



Complete Specification : 23 Pages;

Drawings 04 Sheet.

**IND. CL** : 26[XLIII(1)] **189581**

**INT. CL.** : A 46 B 9/06

**TITLE** : A TOOTH BRUSH

**APPLICANTS** : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165-166, BACKBAY RECLAMATION  
MUMBAI : 400 020.  
MAHARASHTRA,  
INDIA.

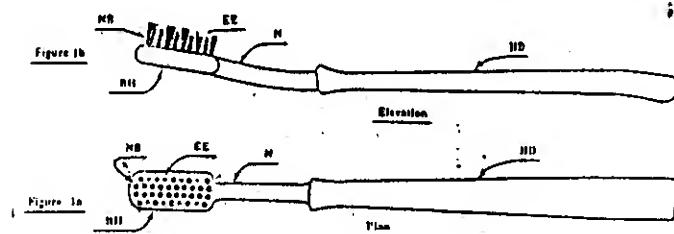
**INVENTORS** : 1. SHASHANK VAMAN DHALEWANDIKAR  
2. NAGESH KESHAV PAL..

**APPLICATION NO. 577/BOM/1997** **FILED ON : 03/10/1997**  
**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL**  
**SPECIFICATION ON : 05/10/1998**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

**29 CLAIMS.**

1) A toothbrush comprising  
 a bristle head having length of at least one and a half times its breadth;  
 said bristle head being provided with a plurality of thermoplastic  
 nonelastomeric bristles and thermoplastic elastomeric elements arranged in  
 a plurality of rows constituted by at least one intermediate row and two  
 outer rows on the elongated side of the bristle head;  
 said nonelastomeric bristles constitutes at least 7% of the tufts on the outer  
 rows.



Provisional Specification : 09 Pages;  
 Complete Specification : 14 Pages;

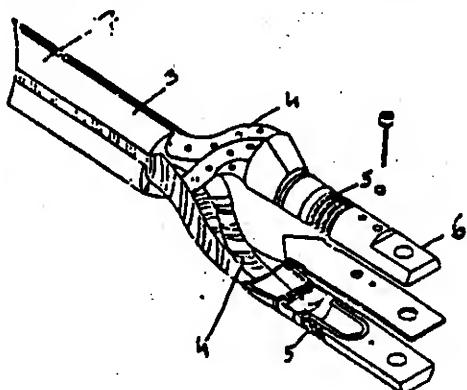
Drawings 06 Sheet.  
 Drawings 06 Sheet.

**IND. CL.** : 64 B1 [LVIII (1)] 189582  
**INT. CL.** : H 02 G – 15/02  
**TITLE** : AN IMPROVED CABLE TERMINAL.  
**APPLICANT** : SHAM RAMCHANDRA KULKARNI, BIPIN SHAM KULKARNI,  
 PARTNERS OF KAY VYBIN CORPORATION  
 OF E/5 PRASHANT CO-OP HSG. SOCIETY, 139 SENAPATI  
 BAPAT MARG, MATUNGA, MUMBAI 400 016,  
 MAHARASHTRA, INDIA. INDIANS.  
**INVENTORS** : BIPIN SHAM KULKARNI  
**APPLICATION NO** : 609 BOM 1997 FILED ON 15.10.1997

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 01 CLAIM

An improved cable terminal comprising a plurality of positive negative wires separated by rubber tubing or extruded rubber separator placed in an alternative polarity and grouped separately each of the said group of wires being crimped and brazed to the inner surface of a terminal, the said wires being again crimped in an exclusively male, female pattern and housed in a hose pipe adopted for passing there through chilled water.



Comp.specn. 07 pages.

FIG.4

Drawings:03 sheets

**IND. CL.** : 29 C + A **189583**

**INT. CL.** : H 03 K - 3/00

**TITLE** : AN EQUIPMENT FOR ENUMERATING DYNAMICALLY GROWING MICROBIAL POPULATION.

**APPLICANT** : V.M.BIOTECH, N-22, INDRANAGARI, DAHANUKAR COLONY, KOTHRUD, PUNE 411 029, MAHARASHTRA, INDIA. AN INDIAN COMPANY

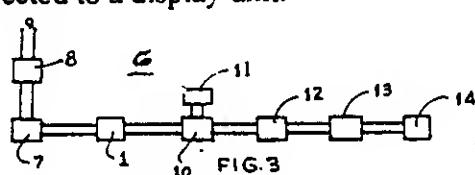
**INVENTORS** : (1) VISHNUKUMAR MAHADEO KULKARNI  
 (2) DR.ABHAY SHENDYE  
 (3) NITIN AGNIHOTRI

**APPLICATION NO** : 641 BOM 1997 FILED ON 03.11.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 CLAIM

An equipment for enumerating dynamically growing microbial population comprising cuvette in the form of a glass test tube provided with two platinum electrodes, an oscillator circuit with a transformer for providing 1 to 7.5 volts AC supply connected on one side of said cuvette, the other side of cuvette being connected to a phase sensitivity demodulator circuit having an eliminator circuit for providing 7.5 to 30 volts DC supply power to the said phase sensitivity demodulator circuit; the said phase sensitivity demodulator circuit connected to a low pass filter and onwards to an amplifier circuit which in turn is finally connected to a display unit.



IND. CL. : 145 E 3 189584  
INT. CL. : D 21 C 3/00  
TITLE : A MEHTOD OF PRODUCING PULP WITH HIGH BRIGHTNESS  
APPLICANT : CHEMPOLTS OY,  
TY-PPITIE 1, FIN - 90650,  
OULU, FINLAND, FINNISH CO.,  
INVENTOR(S) : 1. PASI ROUSU  
2. PAIVI ROUSU  
3. ESA ROUSU  
APPLICATION NO : 645/BOM/1997 FILED ON : 05.11.97

PRIORITY NO. 964466 DATED 06.11.96 OF FINLAND

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 16 CLAIMS

A method of producing pulp with high brightness by single stage cooking with formic acid utilizing good delignification characteristic of formic acid at temperature exceeding 80°C, preferably at a temperature higher than the normal boiling point of formic acid and subsequently bleaching the pulp by using oxidizing bleaching chemicals.

Complete Specification: 21 Pages;

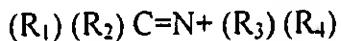
Drawings 01 Sheets.

IND. CL. : 39, 62 A2 189585  
INT. CL. : C 11 D- 3/39  
TITLE : A PROCESS FOR PREARING BLEACHING COMPOSITIONS  
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY.  
INVENTORS : (1) KATHERINE MARY THOMPSON  
(2) DAVID WILLIAM THORNTHWAITE  
APPLICATION NO : 654 BOM 1997 FILED ON 10.11.1997  
Priority No. 9624840.6 dated 29.11.1996 of GB-United Kingdom.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH , MUMBAI - 13.**

**05 CLAIMS**

A process for preparing a bleaching composition which comprises mixing, at a pH of 10-14, hydrogen peroxide with an oxygen transfer agent which is a compound comprising ions of the general structure:



wherein:

$R_1$  and  $R_4$  are in a cis-relation and are substituted or unsubstituted radical selected from the group consisting of hydrogen, phenyl, aryl, heterocyclic ring, alkyl and cycloalkyl radicals;

$R_2$  is a substituted or unsubstituted radical selected from the group consisting of hydrogen, phenyl, aryl, heterocyclic ring, alkyl cycloalkyl, nito, halo cyano, alkoxt, keto, carboxylic acid and carboalkoxy groups; and.

$R_3$  is a substituted or unsubstituted radical selected from the group consisting of hydrogen, phenyl, aryl, heterocyclic ring, alkyl, cycloalkyl, nito.halo and cyano groups.

Comp.specn. 26 pages.

Drawings NIL

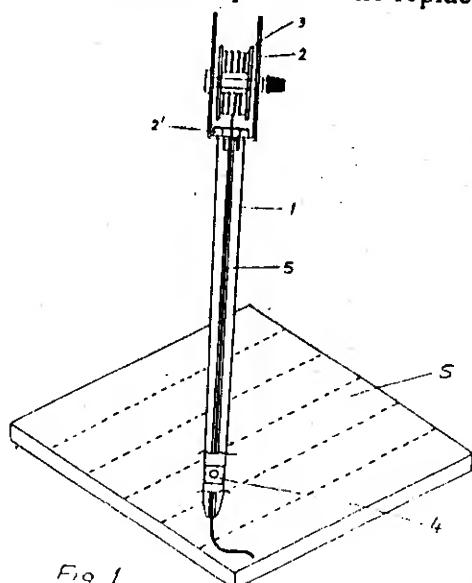
IND. CL.	:	128 G	189586
INT. CL.	:	B 44 B 1/06	
TITLE	:	A SKETCHING DEVICE FOR USE BY A BLIND PERSON	
APPLICANTS	:	DILIP BAL MUKUND BHATT AND PRAGNYA DILIP BHATT BOTH INDIAN NATIONALS, 204, AAWAS APARTMENTS, BHAJ KAKA NAGAR, THALTEJ ROAD, AHMEDABAD : 380 059, GUJARAT, INDIA.	
INVENTOR	:	IDEM	

**APPLICATION NO. : 672/BOM/1997      FILED ON : 17/11/1997**  
**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL**  
**SPECIFICATION ON : 02/02/1999**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 5 CLAIMS.

1. A sketching device for use by a blind person comprising a pen body secured to a metallic encloser, a T-slot being provided in the opposite sides of said encloser for holding a bobbin spool rotatably and removably therein for winding acrylic or woolen thread thereon, means being provided at the writing end of the pen body for cutting the thread, a pilot end being provided with said bobbin spool for the replacement of said thread when required.



Provisional Specification : 05 Pages  
 Complete Specification : 09 Pages;

Fig. 1  
 Drawings : Nil.  
 Drawings : 02 Sheet.

IND. CL. : 32 F 3 C 189587  
INT. CL. : C 08 B 15/00  
TITLE : IMPROVEMENTS IN OR RELATING TO  
A PROCESS FOR THE PREPARATION OF  
HYDROXY PROPYLMETHYL CELLULOSE.  
APPLICANT : GUJARAT ALKALIES AND CHEMICAL LIMITED  
P.O.PETROCHEMICALS 391346,  
DISTRICT - VADODARA,  
GUJARAT.  
INVENTOR(S) : 1. MR. SHAILESH PATEL  
2. DR. SUNIL SINHA  
3. DR. AMAR NATH MISRA  
4. MR. MAYURKANT PADH  
5. DR. GITESH SHAH  
APPLICATION NO : 717/BOM/1997 FILED ON : 12.12.97

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 05 CLAIMS

An improved and economical method for preparation of hydroxy propyl methyl cellulose which is a single pot process characterize in that the reaction of cellulose powder with caustic lye under nitrogen atmosphere and efficient stirring to form alkali cellulose which is further reacted with propylene oxide followed by reacting with excess of methyl chloride giving high yield of uniformly substituted hydroxy propyl methyl cellulose in the absence of any solvent, conforming to all laid down Pharmacopoeia Specifications.

Complete Specification: 10 Pages;

Drawings NIL Sheets.

IND. CL.	:	32 F 2 C	189588
INT. CL.	:	C 07 C 101/26	
TITLE	:	IMPROVEMENTS IN OR RELATING TO A PROCESS FOR THE PREPARATION OF ETHYLENE DIAMINE TETRA ACETIC ACID.	
APPLICANT	:	GUJARAT ALKALIES AND CHEMICALS LIMITED. P.O. PETROCHEMICALS 391346, DISTRICT - VADODARA, GUJARAT, INDIA. An Indian Company	
INVENTORS	:	1. MR. MUKUL SANGHVI 2. DR. SIDDHARTH SHUKLA 3. DR. AMAR NATH. MISRA 4. MR. MAYURKANT PADH 5. DR. GITESH SHAH.	

APPLICATION NO. : 718/BOM/1997 FILED ON 12.12.97

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13

04 - CLAIMS.

An improved process giving high purity and >96% yield of Tetra sodium salt of ethylene diamine tetra acetic acid ( $\text{Na}_4\text{EDTA}$ ) in solution comprises in that the formaldehyde solution is reacted with the mixture of ethylene diamine (EDA) and sodium cyanide (NaCN) solution at temperature 60-80°C with the simultaneous removal of ammonia under the flow of nitrogen.

**IND. CL.** : 32 B 189589

**INT. CL.** : C 08 B 15/00

**TITLE** : IMPROVEMENTS IN OR RELATING TO A PROCESS FOR THE PREPARATION OF METHYL CELLULOSE.

**APPLICANT** : GUJARAT ALKALIES AND CHEMICALS LTD., P.O. PETROCHEMICALS 391 346, DIST. VADODARA, GUJARAT, INDIA, AN INDIAN COMPANY.

**INVENTOR(S)** : 1. SHAILESH PATEL  
2. DR. SUNIL SINHA  
3. DR. AMAR NATH MISRA  
4. MA YURKANT PADH  
5. DR. GITESH SHAH

**APPLICATION NO :** 719/BOM/97 **FILED ON :** 12.12.97

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

#### **05 CLAIMS**

An improved and economical method which characterize in the formation of methyl cellulose by reacting cellulose powder with caustic under nitrogen atmosphere and efficient stirring, is further reacted with excess of methyl chloride giving high yield of uniformly substituted methyl cellulose without using any solvent and product conforming to all laid down Pharmacopoeia Specifications.

Complete Specification: 09 Pages;

Drawings NIL Sheets.

<b>IND. CL.</b>	:	32 D	189590
<b>INT. CL.</b>	:	C 07 F 7/28	
<b>TITLE</b>	:	A PROCESS FOR PREPARING LUBRICATING GREASE COMPOSITION.	
<b>APPLICANT</b>	:	INDIAN OIL CORPORATION LIMITED, (A GOVT. OF INDIA UNDERTAKING), OF G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI – 400 051. MAHARASHTRA, INDIA. AN INDIAN CO.	
<b>INVENTORS</b>	:	1. ANOOP KUMAR. 2. SURESH CHANDRA NAGAR 3. KANTA PRASAD NAITHANI. 4. MADAN MOHAN RAI. 5. AKHILESH KUMAR BHATNAGAR.	
<b>APPLICATION NO.</b>	:	720/BOM/1997	<b>FILED ON :</b> 12-12-1997.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

### 07 CLAIMS

A process for preparing a lubricating grease composition, comprising;

- i. Preparing a mixture of 1.0 to 20.0% by weight carboxylic acid, 1.0 to 30.0% by weight fatty acid and 20 to 90% by weight mineral oil/synthetic oil under stirring, and heating said mixture to a temperature of 40 to 110 deg C under vacuum,
- ii. adding 1 to 20% by weight titanium alkoxide slowly under continuous stirring and maintaining the mixture at the above temperature for a period of 15 min 5 hours,
- iii. raising the temperature to 210 deg C, slowly and maintaining the same for 10 minutes to 5 hours, breaking the vacuum and cooling the same slowly to a temperature of 160 – 60°C, and then subjecting said composition to the step of homogenization / milling to get grease the composition.

Complete specification: 17 pages,

Drawings: NIL Sheets

Ind. Cl. : 72 B 189591  
Int Cl<sup>4</sup> : C 06 B 31 / 28  
"A CRYSTALLINE POROUS PRILLED AMMONIUM NITRATE AND HOLLOW MICROSPHERE COMPOSITION AND A METHOD OF PRODUCING THE SAME"  
APPLICANT(S) : SASOL CHEMICAL INDUSTRIES (PROPRIETARY) LIMITED A SOUTH AFRICAN COMPANY OF 1 STURDEE AVENUE, ROSEBANK JOHANNESBURG, 2196 REPUBLIC OF SOUTH AFRICA

INVENTOR(S) : 1. EDWIN BALS;  
2. JACOBUS BREEDT;  
3. WILLIAM LUCIANO SPITERI;  
4. ADRIAAN JOHANNES GOOSEN.

Application No. 989/MAS/94 filed on 14-Oct-94

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

### 33 CLAIMS

A crystalline porous prilled ammonium nitrate and hollow microsphere composition of reduced density comprising 90.0% to 99.95% (mass per mass) of ammonium nitrate and from 10% to 0.005% (mass per mass) of at least one type of hollow microspheres selected from the group of known polymer balloons, glass balloons, hollow metal spheres, perlite fly ash floaters, said hollow microspheres being present in the crystalline structure of said porous prilled composition.

A method of producing a porous prilled ammonium nitrate/hollow microsphere composition of reduced density as claimed in any of the preceding claims comprising the steps of continuously adding hollow microspheres to a solution of ammonium nitrate during prilling, to disperse said microspheres in the ammonium nitrate solution and to incorporate the same in the crystalline matrix of ammonium nitrate while it solidifies during said prilling process.

COMP. SPECN: 26 PAGES DRAWING: 1 SHEET.

Ind. Cl. :

33 A

189592

Int Cl. :

B 22 D 11/10

B 22 D 11/14

**"CONTINUOUS CASTING PLANT AND A METHOD FOR THE MANUFACTURE OF THIN SLABS"**

APPLICANT(S) :

MANNESMANN AKTIENGESELLSCHAFT, A  
GERMAN COMPANY, OF  
MANNESMANNUFER 2, 40213 DUSSELDORF  
GERMANY

INVENTOR(S) :

1. DR. -ING. FRITZ-PETER PLESCHIUTSCHNIGG.

APPLICATION NO.:

209.MAS 95 Filed on 22-Feb-95  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

A process for continuously casting thin slabs, comprising the steps of:

Casting molten metal using an immersion nozzle in a tapered oscillating mold having a mold inlet cross sectional area and a smaller mold outlet cross sectional area while maintaining conditions for the immersion nozzle and the mold so that:

$$\frac{F_{ST}}{F_{TA}} \leq 50,$$

$$F_{TA}$$

Where  $F_{ST}$  = a cross sectional area of a completely solidified slab, and  
 $F_{TA}$  = a cross sectional area of an outlet of the immersion nozzle;  
 supplying casting powder to the molten so that a relationship

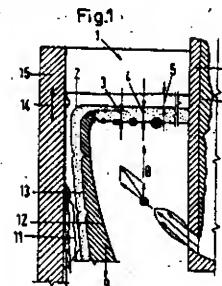
$$h_{slag} \geq h_{strand shell}$$

where  $h_{slag}$  = a height of a layer of slag proximate an upper surface of the mold, and

$h_{strand shell}$  = a height of a portion of a strand shell in the mold which penetrates the layer of slag proximate the upper surface of the mold, is maintained depending on the oscillating stroke, shape and frequency of mold movement;

reducing the strand cross sectional area directly below the mold in a plurality of steps in a cluster roll stand to form a forced convection in a remaining liquid interior of the strand parallel to a continuous strand thickness reduction, so that the strand achieves its final thickness while still having a liquid core at the end of the cluster roll stand; and controlling solidification so that two-phase zone is present within the strand after achieving the final thickness at an output of the cluster roll stand.

COMP. SPECN : 14 PAGES. DRAWING: 7 SHEETS.



Ind. Cl. :

102D

189593

Int. Cl. :

G 01 F 3/12

APPLICANT(S) :

"A VORTEX FLUID METER"

Schlumberger Industries SA  
 50 AVENUE JEAN - JAURES  
 92120 MONTROUGE  
 FRANCE

A FRENCH COMPANY

INVENTOR(S) :

1. BARBARA ZIELINSKA;  
 2. SOUAD ZIKIKOUT.

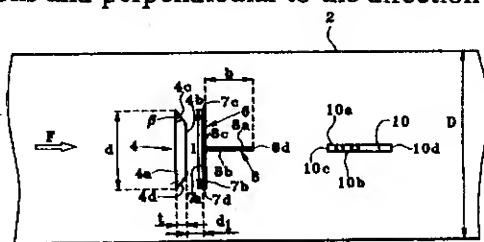
APPLICATION NO.:

359 MAS 95 filed on 23-Mar-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
 ( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

28 CLAIMS

A vortex fluid meter (1) comprising a pipe portion (2) of constant inside diameter D in which the fluid flows, at least two obstacles, consisting of an upstream obstacle (4) and a downstream obstacle (6) disposed in the middle of the fluid flow in said pipe portion (2) to generate main fluid vortices (20) in an oscillatory manner, each of said obstacles (4, 6) having a generally elongate shape with longitudinal and transverse dimensions perpendicular to the direction of the flow of the fluid, and means (10, 12, 14, 200-221) for detecting the signal corresponding to the oscillations of said vortices and for deducing therefrom the volume of fluid, characterized in that the upstream obstacle (4) of longitudinal dimension h has two larger faces (4a, 4b) perpendicular to the direction of flow of the fluid and spaced by a distance t, an upstream face (4a) of transverse dimension d greater than the transverse dimension of the downstream face (4b) and two symmetrical smaller lateral faces (4c, 4d) each at an angle B to said upstream face (4a), the upstream obstacle (6) being in two parts (7, 8) joined together in a T-shape configuration, the first part (7) with longitudinal dimension h and transverse dimension having two parallel larger faces (7a, 7b), consisting of an upstream face (7a) parallel to the downstream face (4b) of said upstream obstacle (4) and at distance d from the latter and a downstream face (7b), and two smaller faces (7c, 7d), the second part (8) having two larger faces (8a, 8b) with the same dimensions and parallel to the direction of flow of the fluid and two parallel smaller faces (8c, 8d) with the same dimensions and perpendicular to the direction of flow of the fluid.



AGENT: DePenning & Depenning  
 COMP.SPECN. 37 PAGES: DRAWING 8 SHEETS  
 REFERENCE CITED: EP- A - 0 408 355

Ind. Cl. : 4 OB and 32 E 189594

Int Cl<sup>4</sup> : C 08 F 4 / 64  
C 08 F 10 / 02

**"A PROCESS FOR PREPARING A CATALYST COMPOSITION FOR THE POLYMERIZATION OF ETHYLENE AND/OR 1-OLEFINS"**

APPLICANT(S) : TICONA GMBH  
A GERMAN COMPANY  
OF AN DER B43, 65451 KELSTERBACH  
GERMANY

INVENTOR(S) : 1. DIETER BILDA;  
2. LUDWIG BOHM.

Application No. 461/MAS/95 filed on 18-Apr-95

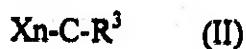
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

**4 CLAIMS**

A process for preparing a catalyst composition for the polymerization of ethylene and/or 1-olefins for producing high molecular weight ethylene polymers having a molecular weight  $M_w$  equal or greater than  $1.10^6$  g/mol either in suspension or in the gas phase comprising reacting in a first reaction step (a) a magnesium compound of the formula I



Wherein  $R^1$  and  $R^2$  are identical or different, and are each a  $C_1$ – $C_{20}$  alkyl radical, a  $C_5$ – $C_{20}$  cyclo alkyl radical, a  $C_6$ – $C_{20}$  alkenyl radical with a halogenating agent of formula II



Where X is a halogen atom, n is 3 and  $R^3$  is a hydrogen atom, a  $C_1$ – $C_{20}$  alkyl radical, a  $C_5$ – $C_{20}$  cyclo alkyl radical, a  $C_6$ – $C_{20}$  aryl radical, or a  $C_2$  to  $C_{20}$  alkenyl radical to produce a catalyst support consisting of a compound of the formula III

$X - Mg - X$  (III)

Where X is a halogen atom, reacting said catalyst support in a second reaction step (b) with a hydrocarbon soluble titanium compound of the formula IV

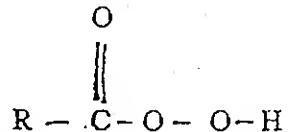


Where  $R^4$  and  $R^5$  are identical and are each a halogen atom, a  $C_1$  to  $C_6$  alkoxy group, or  $C_1$  –  $C_{20}$  carbonyl radical, and m is a number from 0 to 4, in an inert hydrocarbon medium at a temperature from 0 to  $100^0C$  in a molar ratio of Ti:Mg of from 0.01 to 1; a known electron donor in an amount of from 0.01 to 1 mol per mol of said Magnesium compound of formula III being present in one of the reaction steps (a) or (b), reducing the dissolved titanium compound of formula IV with an aluminum alkyl to precipitate the same, on said catalyst support, said precipitate having a particle size of  $< 10/\mu m$  and a particle distribution of  $D_m/D_n \leq 1.20$  wherein  $D_m$  and  $D_n$  represent mass average diameter and number average diameter.

Ind. Cl.	32 E & 32 C	189595
Int Cl <sup>4</sup>	C 08 F 2 / 38	"A PROCESS FOR (CO) POLYMERISING MONOMERS"
APPLICANT(S):	AKZO NOBEL NV A COMPANY ORGANISED UNDER THE LAWS OF THE NETHERLANDS OF VELPERWEG 76 6824 BM ARNHEM THE NETHERLANDS	
INVENTOR(S):	1. PETRUS JOHANNES THEODORUS ALFERINK; 2. HANS WESTMIJZE; 3. JOHN MEIJER.	
APPLICATION NO:	543 MAS 95	Filed on 5-May-95
APPROPRIATE OFFICE OF POSITION PROCEEDINGS (RULE 4, PATENTS RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.		

## 8 CLAIMS

1. A process for (co) polymerising at least one monomer selected from vinyl ester, vinyl halide, diene, acrylonitrile and  $\alpha$ -olefin monomers either alone or in combination with each other optionally with one or more ethylenically unsaturated monomers, comprising the step of polymerising said monomer with a known polymerization initiator in the presence of at least one chain transfer agent for reducing the molecular weight of said polymer produced in comparison with a polymer made by the same process without said chain transfer agent, said peroxyacid chain transfer agent being selected from the group represented by the following formulae:



wherein R is selected from the group consisting of H,  $\text{CH}_3$ ,  $\text{C}(\text{O})\text{OOH}$ ,  $\text{C}(\text{O})\text{OH}$ ,  $\text{C}(\text{O})\text{OCH}_3$ ,  $\text{C}(\text{O})\text{OR}$ ,  $\text{C}_2\text{C}_{20}$  alkyl,  $\text{C}_3\text{C}_{20}$  Cycloalkyl,  $\text{C}_6\text{C}_{20}$  aryl,  $\text{C}_7\text{C}_{20}$  aralkyl and  $\text{C}_7\text{C}_{20}$  alkaryl, wherein the alkyl groups may be linear or branched and wherein the alkyl, cycloalkyl, aryl, aralkyl and alkaryl are optionally substituted with one or more groups Y, wherein Y is a group selected from  $-\text{C}(\text{O})\text{OOH}$ , hydroxy, alkoxy, aryloxy, epoxy, halogen,  $-\text{C}(\text{O})\text{OR}_1$ ,  $-\text{OC}(\text{O})\text{R}_1$ ,  $-\text{C}(\text{O})\text{OH}$ , nitrile, nitro,  $-\text{C}(\text{O})\text{NR}_1\text{R}_2$ ,  $-\text{C}(\text{O})\text{NHR}_1$ ,  $-\text{C}(\text{O})\text{NH}_2$ ,  $-\text{N}(\text{R}_1)\text{C}(\text{O})\text{R}_2$ ,  $-\text{SO}_2\text{NR}_1\text{R}_2$ ,  $-\text{SO}_2\text{NHR}_1$ ,  $-\text{SO}_2\text{NH}_2$ .

and  $-N(R_1)SO_2R_2$ ; wherein  $R_1$  and  $R_2$  are independently selected from the group consisting of  $C_2-C_{20}$  alkyl,  $C_3-C_{20}$  cycloalkyl,  $C_6-C_{20}$  aryl,  $C_7-C_{20}$  aralkyl and  $C_7-C_{20}$  alkaryl, wherein the alkyl groups may be linear or branched; and

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wherein  $R_3$  is selected from the group consisting of, hydrogen,  $C_1-C_{20}$  alkyl,  $C_3-C_{20}$  cycloalkyl,  $C_6-C_{20}$  aryl,  $C_7-C_{20}$  aralkyl,  $C_7-C_{20}$  alkaryl and imido-group containing radicals, wherein the alkyl groups may be linear or branched;  $R_4$  is selected from  $C_1-C_{20}$  alkylene,  $C_2-C_{20}$  alkenylene,  $C_6-C_{20}$  arylene,  $C_7-C_{20}$  aralkylene,  $C_7-C_{20}$  alkarylene,  $C_3-C_{20}$  cycloalkylene and  $C_3-C_{20}$  cycloalkenylene, wherein the alkylene and alkenylene groups may be linear or branched; and  $R_3$  and/or  $R_4$  are optionally substituted with one or more groups  $Y$  as defined above; and  $X$  is selected from nothing,  $-SO_2-$ ,  $-N(R_5)C(O)-$ ,  $-C(O)N(R_5)-$ ,  $-C(O)N[C(O)(R_5)]-$ , and  $-NHC(O)N(H)-$ ; wherein  $R_5$  is selected from the group consisting of  $C_2-C_{20}$  alkyl,  $C_3-C_{20}$  cycloalkyl,  $C_6-C_{20}$  aryl,  $C_7-C_{20}$  aralkyl and  $C_7-C_{20}$  alkaryl, wherein the alkyl groups may be linear or branched and are optionally substituted with one or more groups  $Y$  as defined above; and  $R_3$  and  $R_5$  can combine to form a ring containing substituent selected from cycloalkyl, aryl, aralkyl or alkaryl, which ring is optionally substituted with one or more groups  $Y$  as defined above.

15

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COMP.SPECN: 25 PAGES DRAWING: NIL SHEETS.

Ind. Cl.	19 B 2	189596
Int Cl <sup>4</sup>	F 16 B - 21 / 00	
<b>"IMPROVED REACTION NUT"</b>		
APPLICANT(S) :	HEDLEY PURVIS LIMITED COOPIES LANE INDUSTRIAL ESTATE MORPETH, NORTHUMBERLAND NE61 6JU, UNITED KNIGDOM ( A BRITISH COMPANY)	
INVENTOR(S) :	1. DAVID CAMPBELL.	
APPLICATION NO :	673 MAS 95	filed on 6-Jun-95
CONVENTION NO :	9411313.1	ON 7-Jun-94 GBSN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4, PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

### 11 CLAIMS

A reaction nut for location on a threaded bolt, the nut comprising a plurality of internally-threaded segments (22) movable between an outermost inoperative position radially spaced from the bolt (2), and an operative position making threaded engagement with the bolt (2), said segments (22) having tapering surfaces thereon, and a primary ring member (16) movable axially relative to the segments (22) and having a corresponding tapering surface (18) thereon, characterised by first resilient means (20) biasing the tapering surface (18) of the primary ring member (16) into engagement with the tapering surfaces on said segments (22), and cam means (26) actuation of which moves the primary ring member, (16) from a rest position to an axially displaced position against the bias of said first resilient means (20) whereby the segments (22) are movable by associated second resilient means (24) between their operative and inoperative positions.

COMP.SPECN: 17 PAGES DRAWING: 5 SHEETS

Ind. Cl. :

32 E

189597

Int Cl<sup>4</sup> :

C 08 F 114 / 06

"A PROCESS FOR THE PREPARATION OF MIGRATION RESISTANT  
PLASTICIZED POLY (VINYL CHLORIDE) (PVC)"

APPLICANT(S) :

SREE CHITRA TIRUNAL INSTITUTE FOR  
MEDICAL SCIENCES AND TECHNOLOGY,  
BIO-MEDICAL TECHNOLOGY WING,  
SATELMOND PALACE,  
THIRUVANANTHAPURAM 695 012, INDIA,  
AN INDIAN INSTITUTION

INVENTOR(S) :

1. ATHIPETTAH JAYAKRISHNAN.

APPLICATION NO :

709 MAS 95

filed on

13-Jun-95

Complete Specification Left : 6 Sept. 1996.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.

15 CLAIMS

A process for the preparation of migration resistant polyvinyl chloride (PVC) comprising in the steps of treating cleaned plasticized PVC tubing with a solution of an alkali metal salt of a nucleophile selected from thiosulphate and sulphide, in the presence of a phase transfer catalyst (PTC) such as herein described, at a temperature in the range of 60 to 80°C for 5 hrs. followed by washing the tubings and drying to obtain migration selected from sodium, potassium and ammonium salt.

Prov. Specn. : 8 Pages

COMP. SPCEN: 7 PAGES DRAWING: NIL SHEETS

Ind.Class – 188

189598

Int.Cl.<sup>4</sup> - C 23 C 28/04**"A METHOD FOR COATING AT LEAST THE INTERNAL WALL OF FURNACE TUBES FOR HYDROCARBON STEAM-CRACKING"**

Applicant: INSTITUT FRANCAIS DU PETROLE, a French Company, 4, avenue de Bois Preau, 92502 Rueil Malmaison, France.

Inventors: (1) BROUTIN PAUL, (FRANCE)  
(2) NISIO PASCAL, (FRANCE)  
(3) ROPTIAL FRANCOIS, (FRANCE)

Application No. 717/MAS/95 dated June 14, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972),  
Patent Office, Chennai Branch.

**9 Claims**

A method for coating at least the internal wall of furnace tubes for hydrocarbon steam-cracking, made of a nickel and iron based superalloy containing less than 3% by weight of aluminium, wherein in order to effect the passivation of said wall and/or inhibit the formation of catalytic coke thereon, said wall is successively coated with atleast one intermediate layer formed of a compound selected from the group formed by titanium carbide TiC, titanium nitride TiN, aluminium nitride, nitrides with general formula  $Ti_uAl_vN_w$  where u, v and w are positive numbers, where u is a number between 0.4 and 0.62, and v and w, which may be identical or different and are a number between 0 and 1 and carbonitrides of titanium with general formula  $Ti_xC_yN_z$  where x, y and z are positive numbers where x is a number between 0.35 and 0.55 and y and z, which may be identical or different and are number between 0 and 1, and having a thickness of  $0.1 \times 10^{-6}$  to  $30 \times 10^{-6}$ m and resulting from the chemical

vapour deposition of at least one compound of a suitable metal or metalloid, at a temperature equal to or higher than  $800^{\circ}\text{C}$  and under a mole flow rate of  $1 \times 10^{-6}$  to  $10^{-2}$  molar per  $\text{cm}^2$  and per second and with an external layer formed of at least one stoichiometric type compound or formed by at least one solid solution formed from the Si-Al-O-N-C system and having a thickness of  $0.1 \times 10^{-6}$  to  $30 \times 10^{-6}$  and resulting from chemical vapour deposition of at least one silicon compound such as herein described, at a temperature equal to or higher than  $800^{\circ}\text{C}$  and under a molar flow rate of  $1 \times 10^{-6}$  to  $10^{-2}$  mole per  $\text{cm}^2$  and per second, at a pressure of from 1000 to 10,000 Pascals to obtain a coating of uniform thickness.

(Com. – 23 pages)

Ind. Cl. :

98 E

189599

Int Cl<sup>4</sup> :

D 02 G - 1 / 00

"AN APPARATUS FOR HEATING AN ADVANCING YARN"

APPLICANT(S) :

BARMAG AG  
 A GERMAN COMPANY  
 OF LEVERKUSER STRASSE 65  
 42897 REMSCHEID  
 GERMANY

INVENTOR(S) :

1. MARTIN FISCHER.

APPLICATION NO.:

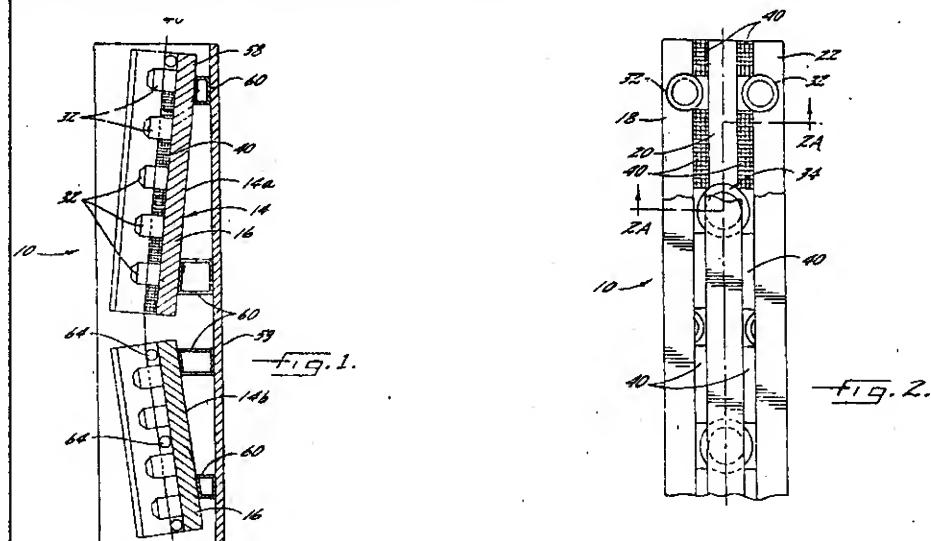
722 MAS 95 Filed on

14-6-1995 Germany

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
 ( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI-BRANCH.

## 21 CLAIMS

An apparatus for heating an advancing yarn, comprising an elongate rail which extends in a longitudinal direction and which has a generally flat yarn contact surface, and yarn guide means comprising a plurality of guide members mounted in a longitudinally spaced apart and interdigitally disposed arrangement along the length of said rail for engaging opposite sides of an advancing yarn and guiding the advancing yarn along and in contact with the yarn surface in a laterally zigzagged path of travel.



COMP.SPECN: 23 PAGES DRAWING: 4 SHEETS.

Ind. Cl. : 32 F<sub>3</sub> a 189600

Int Cl<sup>4</sup> : C 07 B 57 / 00

" A PROCESS FOR PRODUCING  
AN OPTICALLY ACTIVE ALDEHYDE"

APPLICANT(S) : BRUCE ARMIN BARNER OF 233 WHISPERING PINES,  
ALUM CREER, WV 25003, USA, A US CITIZEN.  
JOHN ROBERT BRIGGS, OF 1522 BEDFORD ROAD,  
CHARLESTON, STATE OF W VA, 25314, USA, A UK CITIZEN.  
JONATHAN JOSHUA KURLAND, OF 1617 KIRKLEE ROAD  
CHARLESTON STATE OF W VA 25314, USA, A UK CITIZEN &  
CHARLES GUTHRIE MOYERS, JR., OF 5 QUAIL COVE ROAD  
CHARLESTON, STATE OF W VA 25314, USA, A US CITIZEN.

INVENTOR(S) : 1.BRUCE ARMIN BARNER; 3.JONATHAN JOSHUA KURLAND;  
2.JOHN ROBERT BRIGGS; 4.CHARLES GUTHRIE MOYERS JR.

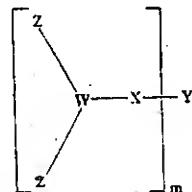
APPLICATION NO : 726 MAS 95 filed on 16-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 )PATENT OFFICE, CHENNAI BRANCH.

16 CLAIMS

A process for producing an optically active aldehyde(first aldehyde selected from S-2-(p-isobutyl-phenyl) propionaldehyde, S-2-(6-methoxy-2-naphthyl) propionaldehyde,S-2-(3-benzoylphenyl) propionaldehyde, S-2-(p-thienoylphenyl)-propionaldehyde, S-2-(3-fluro-4-phenyl)-phenylpropionaldehyde, S-2-[4-(1,3-dihydro-1-oxo-2H-isoindol-2-yl) phenyl]-propionaldehyde, S-2-(2-methylacetaldehyde)-5-benzoylthiophene, S-2-(3-phenoxy)-propionaldehyde, S-2-phenylbutyraldehyde, S-2-(4-isobutylphenyl)-butyraldehyde, S-2-phenoxypropionaldehyde, S-2-chloropropion-aldehyde, R-2-(3-benzoylphenyl)propionaldehyde or R-2-(3-fluro-4-phenyl)-phenylpropionaldehyde) containing a reduced amount of the corresponding enantiomeric aldehyde (second aldehyde selected from R-2-(p-isobutyl-phenyl) propionaldehyde, R-2-(6-methoxy-2-naphthyl)-propionaldehyde, R-2-(3-benzoylphenyl) propionaldehyde, R-2-(p-thienoylphenyl)-propionaldehyde, R-2-(3-fluoro-4-phenyl)-phenylpropionaldehyde, R-2-[4-(1,3-dihydro-1-oxo-2H-isoindol-2-yl)phenyl]-propionaldehyde, R-2-(2-methylacetaldehyde)-5-benzoylthiophene, R-2-(3-phenoxy)-propionaldehyde, R-2-phenylbutyraldehyde, R-2-(4-isobutylphenyl)-butyraldehyde, R-2-phenoxypropionaldehyde, R-2-chloropropion-aldehyde, S-2-(3-benzoylphenyl) propionaldehyde or S-2-(3-fluro-4-phenyl)-phenylpropionaldehyde) which process comprises: (1) providing an initial solution containing a non-eutectic mixture of the first

aldehyde and the second aldehyde prepared by contacting a prochiral or chiral compound in the presence of an optically active metal-ligand complex catalyst, said optically active metal ligand complex catalyst comprising a metal complexed with an optically active ligand having the formula



Wherein each W is the same or different and is phosphorus, arsenic or antimony, each X is the same or different and is oxygen, nitrogen or a covalent bond linking W and Y, Y is a substituted or unsubstituted hydrocarbon residue, each Z is the same or different and is a substituted or unsubstituted hydrocarbon residue or the Z substituents bonded to W may be bridged together to form a substituted or unsubstituted cyclic hydrocarbon residue, and m is a value equal to the free valence of Y, provided at least one of Y and Z is optically active; the substituents referenced above being known said contacting being carried out at a total gas pressure of hydrogen, carbon monoxide and prochiral or chiral compound of less than 1500 psia, a temperature of from 0°C to 120°C and a molar ratio of gaseous hydrogen to carbon monoxide of from 1:10 to 100:1; which mixture has a composition in the compositional region where only the first aldehyde crystallizes when its solubility limit in the solution limit in the solution is exceeded, such crystallization occurring under conditions of addition of a non-solvent to the solution, removal of any solvent from the solution, cooking the solution and combinations of these conditions, and (2) maintaining the solution at a temperature above the eutectic temperature of the mixture and under conditions such as controlling the relative concentration of the first and second aldehydes, temperature, and combinations of these conditions on a known manner such that the solubility limit of the first aldehyde is exceeded so as to form a crystalline first aldehyde containing relatively less of the second aldehyde than was present in the initial solution; and in which the optically active product is in an enantiomeric excess of greater than 96% and the regioselectivity of the product, in terms of its branched to normal isomer ratio, is greater than 100:1.

<b>IND. CL.</b>	:	128 F[XIX(2)]	189601
<b>INT. CL.</b>	:	A 61 M 5/32	
<b>TITLE</b>	:	<b>SELF-BLUNTING NEEDLE MEDICAL DEVICES AND METHODS OF MANUFACTURE THEREOF.</b>	
<b>APPLICANT</b>	:	BIO-PLEXUS, INC. 129 RESERVOIR ROAD, VERNON, CONNECTICUT 06066, UNITED STATES OF AMERIKA	
<b>INVENTORS</b>	:	1. MARK J. BURZYNSKI 2. ALEXANDER K. JONES 3. RICHARD S. KEARNS 4. JOHN M. POLIDORO 5. CARL R. SAHI 6. CHAD C. SMUTNEY	
<b>APPLICATION NO.</b>	:	730 BOM 1997	FILED ON : 17-12-1997
<b>PRIORITY NO.</b>	08/772,002	DATED 19-12-1996 OF U.S.A	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972),  
PATENT OFFICE BRANCH, MUMBAI 13.

**21 CLAIMS**

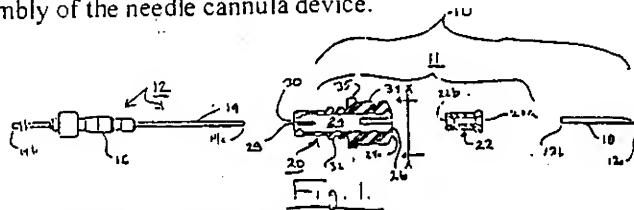
A self-blunting needle cannula device comprising:

(a) an external component comprising a cannula member having an outside diameter, a cannula distal end and a proximal end, and an external member hub on the cannula member and spaced from the cannula distal end, the cannula member further defining a through-bore having a through-bore inside diameter;

(b) an internal component comprising an elongate internal member having a member distal end, and an internal component hub on the internal member and spaced from the member distal end, the internal member being disposed within the through-bore of the cannula member of the external component;

Wherein the external component comprises one of (i) a needle component wherein the cannula member comprises a needle cannula having a puncture tip at the cannula distal end thereof, and (ii) a blunting component wherein a cannula member comprises a blunting member having a blunt tip at the cannula distal end thereof, and the internal component comprises the other of (i) and (ii), and wherein the needle component and the blunting component are movable relative to each other between a retracted blunting component positioned in which the blunt tip is positioned short of the puncture tip of the needle cannula to leave the puncture tip exposed, and an extended blunting component position in which the blunt tip extends beyond the puncture tip of the needle cannula to effectively blunt the puncture tip; and

(c) a guide member at the proximal end of cannula member and having a first aperture of greater diameter than the through-bore inside diameter and a first gate aperture of lesser diameter than the first entry aperture, the first gate aperture being axially aligned with the through-bore adjacent to the proximal end of the cannula member, the guide member defining a first guide surface that converges as sensed moving from the first entry aperture to the first gate aperture, to thereby guide insertion of the internal elongate member into the through-bore during assembly of the needle cannula device.



Complete specification: 29 pages, Drawings: 05 Sheets

**IND. CL** : 153 [XLIII(3)] 189602  
**INT. CL.** : B 24 B 9/16  
**TITLE** : GRINDING/ABRASIVE TOOL FOR OPTIC GLASSES.  
**APPLICANTS** : WINTER CVD-TECHNIK GMBH,  
 KONIGGRATZSTRASSE 14,  
 22809 HAMBURG,  
 GERMANY,  
 GERMAN COMPANY.  
**INVENTORS** : 1. ERNST MICHAEL WINTERR  
 2. HANS-JOACHIM WIEMANN.

**APPLICATION NO. :** 741/BOM/1997      **FILED ON :** 22/12/1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 7 CLAIMS.

1. Grinding/ Abrasive Tool for grinding of optic glasses precious stones, marble & alike comprising a abrasive plate (11) having curved inner surface (12) on which a number of abrasive wheel (13) lies close against one another and thus form a grinding/ abrasive surface (14) on which spectacle glass is placed during processing; said abrasive plate has a coupling on the opposite side of the surface (12) through which the abrasive plate is bound to the grinding device; said abrasive wheel (13) has a base body (16) made of sintered ceramic material, outer surface (17) adjacent to the abrasive plate (11) is covered with a thin diamond layer; between the outer layer (17) and the diamond layer (18) there is another precision metal intermediate layer (19) which act as bonding layer; the said diamond layer (18) and/ or the total of the individual layer on the basic body (16) form the grinding/ abrasive surface (14).

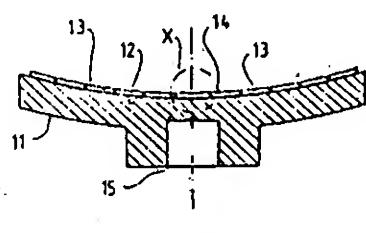


FIG. 1

Complete Specification : 10 Pages;

Drawings 03 Sheet.

IND. CL.	:	32 B (A)	189603
INT. CL.	:	B 23 D 3/34	
TITLE	:	A METHOD OF PRODUCING AQUEOUS SUSPENSION OF REFINED MINERAL SUBSTANCES.	
APPLICANT	:	COATEX S. A. S. 35, RUE AMPERE, Z.I. LYON-NORD, 69730 GENAY, FRANCE, FRENCH CO.	
INVENTORS	:	1. SUAU JEAN-MARC 2. JACQUEMET CHRISTIAN 3. MONGOIN JACQUES	
APPLICATION NO.	:	58/BOM/1998	FILED ON : 29-01-1998.
PRIORITY NO	:	9701973	DATED : 14-02-1997 OF FRANCE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

**06 CLAIMS**

A method of producing aqueous suspension of refined mineral substances of less than 1 microns which do not lend themselves to sedimentation comprising treating aqueous suspension of coarser mineral substances with a bio degradable grinding aid of salt of polyaspartic acid so as to achieve grinding and suspension of refined mineral substance.

Complete specification: 35 pages,

Drawings: NIL Sheets

<b>IND. CL.</b>	:	32(F)(3)(C)	189604
<b>INT. CL.</b>	:	C 07 D 309/00; 309/08	
<b>TITLE</b>	:	IMPROVED PROCESS FOR PRODUCTION OF TERPENYL CYCLOHEXANOL.	
<b>APPLICANT</b>	:	HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI-400 020, MAHARASHTRA, INDIA.	
<b>INVENTORS</b>	:	1. BENDAPUDI RAMAMOHAN RAO 2. VIJAY RAMCHANDRA GADGIL	
<b>APPLICATION NO.</b>	:	62/BOM/1998	FILED ON : 04-02-1998.

**COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON 04-02-1999.**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.**

### 18 CLAIMS

A process for producing terpenylcyclohexanols which comprises the steps of:

- i) condensation of a terpene and a phenol in a weight ratio of terpene to phenol in the range of 1:0.9 to 1:10 at temperature range of 80°C to 250°C in presence of a catalyst such as herein described;
- ii) fractionation of the mixture to isolate terpenylphenol;
- iii) hydrogenation of terpenylphenol in presence of a catalyst such as herein described at a temperature of at least 100°C and pressure lower than 250 psi and in presence of any one of an alkali or a salt of an alkali metal, and
- iv) fractionation of the mixture to isolate terpenylcyclohexanols.

**Provisional specification: 09 pages,  
Complete specification: 14 pages,**

**Drawings: 02 Sheets  
Drawings: 02 Sheets**

IND. CL. : 189 189605

INT. CL. : A 61 K – 35/78

TITLE : COMPOSITIONS CONTAINING HYDROXY ACIDS OR RETINOIDS

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) RONNI WEINKAUF  
(2) STEPHAN SAMUEL HABIF  
(3) JOHN BRIAN BARTOLONE

APPLICATION NO : 69/BOM/1998 FILED ON : 09.02.1998.  
Priority No.60/038008 dated 14.02.1997 of USA.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**05 CLAIMS**

A composition comprising:

- (i) a cosmetic benefit ingredient selected from the group consisting of a hydroxy acid such as herein described, retinal, retinoic acid, retinal, C<sub>2</sub>-C<sub>5</sub> retinyl ester 0.01 to 20% and mixtures thereof;
- (ii) from 0.05% to 10% by wt. of Trichodesma lanicum seed extract;
- (iii) a cosmetically acceptable vehicle.

Comp.specn. 40 pages

Drawings: Nil

**IND. CL.** : 94 G

**INT. CL.** : B 03 B 9/02

**TITLE** : RECOVERY EQUIPMENT.

**APPLICANT** : FILTERWERK MANN + HUMMEL GMBH  
HINDENBURGSTR 37-45, POSTFACH 409,  
71631 LUDWIGSBURG,  
GERMANY, GERMAN COMPANY.

**INVENTOR(S)** : JANSSEN; MARK

**APPLICATION NO :** 74/BOM/1998 **FILED ON :** 10.02.98

**PRIORITY NO.** 197 04 859.5 **DATED** 10.02.97 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 08 CLAIMS

Recovery equipment for coolants and lubricants containing chips with an inlet piping, a tank (10) and a pump (20) connected to the tank (10), the pressure side of the pump is in connection with an outlet piping (28), wherein the pump (20) is a free jet pump and in the tank a equipment (13) is fitted for pulverizing the incoming chips.

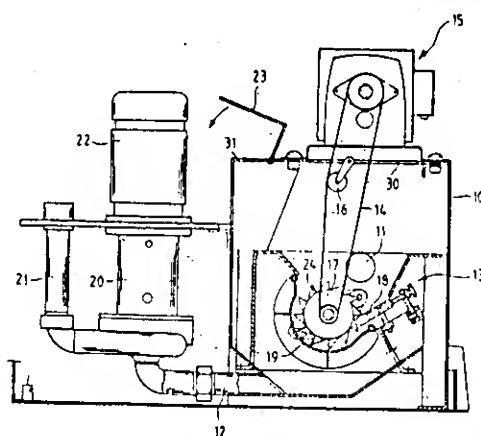


Fig. I

Complete Specification: 09 Pages;

Drawings 02 Sheets.

IND. CL. : 26 [XLIII(1)] 189607

INT. CL. : A 46 B 3/20

TITLE : A TOOTHBRUSH WITH HANDLE AND BRISTLE BEARING HEAD.

APPLICANT : HINDUSTAN LEVER LTD.  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION  
MUMBAI-400 020,  
MAHARASHTRA, INDIA.

INVENTORS : 1. STEPHEN JOHN RAVEN.  
2. DEREK GUY SAVILL.

APPLICATION NO. : 76/BOM/1998 FILED ON : 12-02-1998.

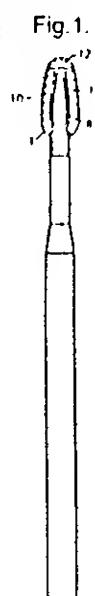
PRIORITY NO : 9703274.2 DATED : 17-02-1997 OF U. K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972),  
PATENT OFFICE BRANCH, MUMBAI 13.

**22 CLAIMS**

A toothbrush having a handle at one end thereof and a bristle bearing head, the head comprising a skeleton, a resilient member mounted on at least one side of the skeleton, tuft mounting means in the skeleton and/ or resilient member for receiving bristles, the resilient member bristle tufts being capable of toggling movement, the resilient member tuft mounting means comprising an array of rigid receptacles or wells attached to the skeleton by a bridge hinge, characterised in that the bridge hinges are broken.

Complete specification: 30 pages, Drawings: 07 Sheets



IND. CL.	:	170D [ XLIII(4)]	189608
INT. CL.	:	C 11 D 017/00 011/00	
TITLE	:	A BAR COMPOSITION AND PROCESS FOR MAKING SAME.	
APPLICANT	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA, AN INDIAN COMPANY.	
INVENTOR(S)	:	1. TERENCE JAMES FARRELL 2. DAVID QUINN 3. GREGORY MCFANN 4. GAIL BETH RATTINGER 5. LIANG SHENG TSAUR	
APPLICATION NO :	128/BOM/98 FILED ON : 10.03.98		

**PRIORITY NOS. 08/821,502 DATED 21.03.97 OF U.S.A.  
08/821,501 DATED 21.03.97 OF U.S.A.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 14 CLAIMS

A bar composition comprising (A) about 1% to 30% of an adjuvant powder comprising:

- (a) 1% to 70% by wt. powder benefit agent;
- (b) 15% to 98% by wt. powder carrier having a melting point above the temperature in a drying chamber in which said adjuvant powder is formed;
- (c) about 1% to 10% by wt of powder water; and
- (d) 0% to 30% by wt. powder of a deposition/processing aid selected from the group consisting of
  - (i) anionic, cationic, nonionic and amphoteric surfactants;
  - (ii) cationic polymers; and
  - (iii) hydrophilic polymers; and

about 99% to 70% chips comprising 5% to 90% of a not clear surfactant system wherein the surfactant is selected from the group consisting of soap, anionic surfactant, nonionic surfactant, amphoteric surfactant, cationic surfactant and mixtures thereof.

Complete Specification: 08 Pages;

Drawings NIL Sheets.

IND. CL.	:	170 B + D	189609
INT. CL.	:	C 11 D 3/37 C 11 D 3/50	
TITLE	:	A FABRIC SOFTENING COMPOSITION	
APPLICANT	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA, AN INDIAN COMPANY.	
INVENTOR(S)	:	1. ZIYA HAQ 2. STUART PETER ROBERT HOLT 3. ADELLE LOUISE KILLEY 4. CARLOS PETRI 5. CHRISTOPHER WHALEY	

**APPLICATION NO :** 135/BOM/98 **FILED ON :** 12.03.98

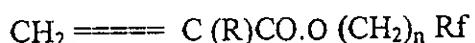
PRIORITY NO. 9701287.4 DATED 14.03.97 OF BRAZIL

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 07 CLAIMS

A fabric softening composition comprising:

- a) a fluorocarbon polymer which is a homo- or copolymer of the monomer.



in which R is H or CH<sub>3</sub>, n is 1 or 2, and Rf is a perfluoroalkyl residue or said fluorocarbon polymer is a fluorinated substituted urethane or a fluorinated acrylic co-polymer; and

- b) a deposition aid comprising a quaternary ammonium cationic softening compound having two C<sub>12-22</sub> alkyl or alkényl groups connected to the quaternary ammonium via at least one ester link;

with the proviso that the ratio of b) : a) is greater than or equal to 2:3.

Complete Specification: 19 Pages;

Drawings NIL Sheets.

IND. CL. : 98 [ VII (2) ] 189610

INT. CL. : B 21 D, 53/02.

TITLE : A DEVICE FOR SUBSTANTIAL REDUCTION OF CONTAMINANTS IN FLUE GASES TO ACCOMPLISH EFFECTIVE TEMPERATURE OF OUT GOING FLUE GASES.

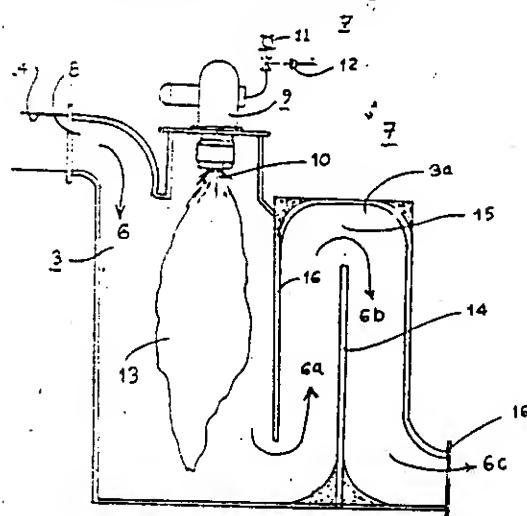
APPLICANT & INVENTORS : UDAY NARSINHA ANNACHHATRE, 1206/13-B, SARASWATI SADAN, SHIVAJI NAGAR, PUNE 411 004, MAHARASHTRA, INDIA. INDIAN NATIONAL

APPLICATION NO. : 150 /BOM/1998 FILED ON 17.03.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIM

A device for substantial reduction of contaminants in flue gases to accomplish effective temperature of out going flue gases comprising an auxiliary chamber having an inlet for receiving exhaust gases; a oil or gas fired burner, having a ball valve and solenoid valve, for producing a shower of flames, provided at the top center, in the said auxiliary chamber; an outlet to said auxiliary chamber leading to adjacent chamber having at least one baffle wall to make down ward direction flow of flue gases and an outlet to the said adjacent chamber adapted to connect to heat exchanger.



IND. CL. : 32 D [IX (1)], 40 B [IV (1)] 189611  
INT. CL. : B 01 J – 31/12  
TITLE : A PROCESS FOR THE PREPARATION OF BENZYL BENZOATE  
APPLICANT : INDIAN PETROCHEMICALS CORPORATION LIMITED,  
P.O.PETROCHEMICALS, DISTRICT-VADODARA 391 346,  
GUJARAT, INDIA.  
INVENTORS : (1) ASHIS RANJAN BANDYOPADHYAY  
(2) SUBRAMANIAPILLAI MUTHUKUMARU PILLAI  
(3) SHEO SATISH  
APPLICATION NO : 156/BOM/1998 FILED ON 18.03.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**21 CLAIMS**

A process for the preparation of benzyl benzoate wherein said process is characterized by reacting methyl benzoate with benzyl alcohol at a temperature varying in the range of 130° C to 210° C in the presence of a catalyst, wherein said catalyst comprises at least one soluble tin compound of the kind such as herein described.

Comp.specn.: 16 pages

Drawings: NIL

**IND. CL.** : 170 B+D 189612

**INT. CL.** : C 11 D – 17/00

**TITLE** : PROCESS FOR THE MANUFACTURE OF TABLETS OF DETERGENT COMPOSITIONS.

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS.** : (1) MICHAEL JOHN ADAMS  
 (2) SARA JANE BONNELL  
 (3) SIMON ANDREW WATSON  
 (4) DOUGLAS WRAIGE

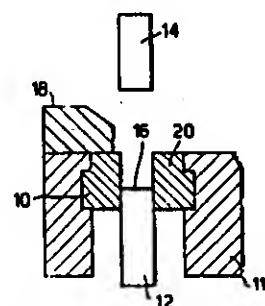
**APPLICATION NO** : 218 BOM 1998 FILED ON 13.04.1998  
 Priority No. 9707582.4 dated 15.04.1997 of United Kingdom

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 07 CLAIMS

A process for the manufacture of tablets of detergent composition, comprising compacting a particulate composition in a mould consisting of a plurality of mould parts which are movable relative to each other, characterized in that at least one of the mould parts has an elastomeric layer on a surface area which contacts the composition, which elastomeric layer has a thickness of more than 0.5mm, and in that compaction is carried out with sufficient pressure to form tablets with a diametral fracture stress, DFS, as herein defined in the range 8 to 60 Kpa.

Fig. 1.



IND. CL : 170 B +D 189613  
INT. CL. : C 11 D- 3/29,3/37  
TITLE : A DETERGENT COMPOSITION  
APPLICANTS : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI 400 020, MAHARASHTRA,  
INDIA. AN INDIAN COMPANY  
INVENTORS : 1) SARAH DIXON  
2) TIMOTHY DAVID FINCH  
3) JONATHAN FRANK WARR

APPLICATION NO. : 244/BOM/1998 FILED ON : 23.04.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS(RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 12 CLAIMS

A detergent Composition comprising:

- a) a dye transfer inhibiting polymer comprising one or more monomeric units containing at least one=N-C (=O) with the proviso that the dye transfer inhibiting agent does not comprise an-oxide group; and
- b) a water soluble sunscreen compound such as herein described.

Comp.specn 37 pages

Drawings NIL

**IND. CL.** : 170 D 189614

**INT. CL.** : C 11 D - 17/00

**TITLE** : PROCESS FOR FORMING DETERGENT BARS

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : (1) PETER STEWART ALLAN  
(2) JOHN MARTIN CORDELL  
(3) GRAEME NEIL IRVING  
(4) SURESH MURIGEPPA NADAKATTI  
(5) VIJAY MUKUND NAIK  
(6) CHRISTINE ANN OVERTON  
(7) FREDERICK EDMUND STOCKER  
(8) KARNIK TARVERDI

**APPLICATION NO** : 269/BOM/1998 FILED ON 12.05.1998  
Priority Nos. 9710048.1 & 9726972.4 dated 16.05.1997 &  
19.12.1997 of U.K.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 06 CLAIMS

A process for forming detergent bars comprising delivering detergent composition to a mould and applying pressure to the detergent composition contained within the mould cavity such that the mould cavity is substantially full when the pressure is applied and the detergent composition is in a substantially fluid or semi-solid state when pressure is first applied.

Comp.specn. 16 pages

Drawings:Nil

IND. CL. : 128 F 189615

INT. CL. : A 61 M 005/32  
A 65 M 005/00

TITLE : HYPODERMIC NEEDLE SAMPLE COLLECTING DEVICE

APPLICANT : SAKHARAM DHUNDIRAJ MAHURKAR, 6171 N. SHERIDAN ROAD, SUITE 1112, CHICAGO, IL 60660, U.S.A.  
AMERICAN NATIONAL.

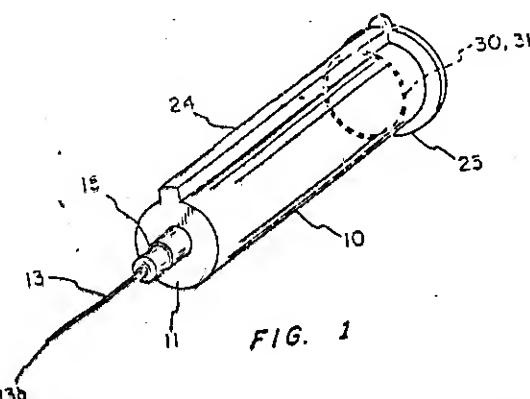
INVENTOR(S) : IDEM

APPLICATION NO : 393/BOM/1998 FILED ON : 19.06.98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 13 CLAIMS

A hypodermic-needle sample collection device, said device comprising:  
 an elongated, generally cylindrical barrel forming an aperture at the distal end of said barrel and opening into the interior of said barrel;  
 a needle holder mounted for longitudinal movement within said barrel, said needle holder having a pin projecting laterally therefrom;  
 a hollow hypodermic needle carried by said needle holder and projecting from said holder along the axis of said barrel; and  
 guide means forming longitudinal linear and spiral guide surfaces extending along at least a portion of the length of said barrel for engaging said pin and moving said needle longitudinally within said barrel in response to relative rotational movement between said linear and spiral guide surfaces.



Complete Specification: 28 Pages;

Drawings 11 Sheets.

IND. CL	:	189 [LVI (9)]	189616
INT. CL.	:	A 61 B, 1/24	
TITLE	:	AN IMPROVED TONGUE CLEANER.	
APPLICANTS	:	PRASHANT NISHIKANT JOSHI, DAILY SAGAR, BOMBAY GOA ROAD, CHIPLUN RATNAGIRI, RATNAGIRI INDIA, INDIAN NATIONAL.	
INVENTORS	:	— IDEM —	
APPLICATION NO.	:	452/BOM/1998	FILED ON : 13/07/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 2 CLAIMS.

- 1) An improved tongue cleaner (1) of Plastic material consisting of a cleaning zone (2) madeup of a flat member (3) having transverse ribs (4); and a holding zone (5) which is at right angles to the said cleaning zone and provided with a slot for hanging means (6).

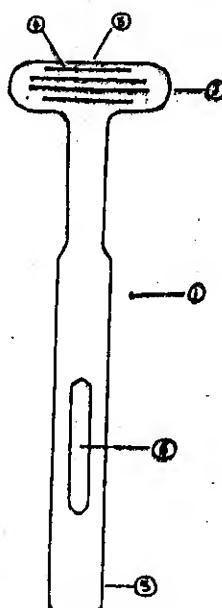


FIG. 1

Complete Specification : 05 Pages;

Drawings 01 Sheet.

IND. CL : 80 D [IV] 189617

INT. CL. : B 01 D 33/00;  
F 01 M

TITLE : FILTER DEVICE FOR LIQUIDS.

APPLICANTS : FILTERWERK MANN+HUMMEL  
GMBH,  
HINDENBURGSTR 37-45,  
POSTFACH 409,  
71631 LUDWIGSBURG,  
GERMANY.  
GERMAN COMPANY.

INVENTORS : 1. HERBERT JAINEK.  
2. JAROSLAV PAVLIN  
3. ROLAND WIEDERHOLD

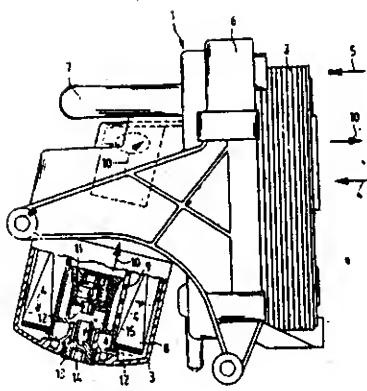
APPLICATION NO. 464/BOM/1998 FILED ON : 17/07/1998  
PRIORITY NO. 19731556.9 FILED ON 23/07/1997 OF GERMAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

### 05 CLAIMS.

1) Filter device for liquid comprising

a concentric filter cartridge (8) which is being arranged about a direct flow central pipe (9), whereby the liquid to be filtered flows in radial direction from the outside into the central pipe (9) passing through the filter cartridge (8), and comprising



a bypass valve (11), through which the liquid – under predefinable conditions – can directly enter the central pipe (9) from the outside passing through a bypass duct;

an annular diameter contraction (18) provided for accommodating the bypass valve (11) is being placed in the central pipe (9) at that end of the same where the bypass duct runs into it;

axial links (20) are being arranged inside the central pipe (9) downstream the diameter contraction (18), with said links being provided with gaps in order to accommodate the valve body (16) by means of a valve spring (19), whereby the valve seat (21) of the valve body (16) slightly projects over the diameter contraction (18) while the valve spring (19) being in the loose state, and

a valve plate (21) can be fastened outside the diameter contraction (18) in order to ensure that said valve plate sits close to the valve seat (22) of the valve body (16) against the pressure originating from the valve spring (19).

**IND. CL.** : 32 E 189618

**INT. CL.** : C 08 F – 220/18

**TITLE** : A METHOD FOR THE PREPARATION OF COPOLYMERIC BEADS FOR THE IMMOBILISATION OF BIOACTIVE MATERIALS.

**APPLICANT** : KOPRAN LIMITED, PARIJAT HOUSE, DR.E.MOSES ROAD, WORLI, MUMBAI 400 018, MAHARASHTRA, INDIA.

**INVENTORS** : (1) SUBHASH MALI  
 (2) RAJAN GUPTA  
 (3) JAYANT DESHPANDE

**APPLICATION NO.** : 529/BOM/1998 FILED ON 19.08.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 09 CLAIMS

A method for the preparation of copolymeric beads of acrylonitrile and glycidyl methacrylate, comprising:

- a) copolymerising acrylonitrile with glycidyl methacrylate in water in presence of initiator, crosslinking monomer, porogen and protective colloid such as herein defined at a pH between 5.5 to 9.2,
- b) refluxing the mixture under agitation in a glass vessel at 55-95°C for 2-8 hrs,
- c) cooling the reaction mass to room temperature,
- d) filtering the polymeric suspension to separate out the polymer beads,
- e) washing the beads obtained in step d) with water followed by organic solvents and drying to obtain reactive polymeric beads.

**IND. CL.** : 101 H 189619

**INT. CL.** : E 02 B 5/02

**TITLE** : AN AUTOMATIC SLIDING GATE FOR DYNAMIC REGULATION OF FLOW OF WATER THROUGH RIVER OR CANAL.

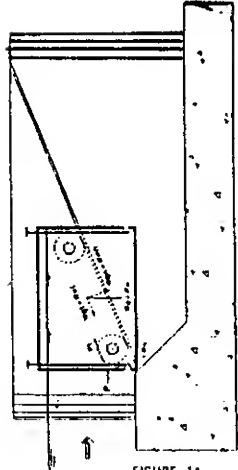
**APPLICANT** : PRABHAKAR DAMODAR GODBOLE  
2/B, BUTY PLOTS, DHARAMPETH,  
NAGPUR-440 010, MAHARASHTRA;  
INDIA, AN INDIAN NATIONAL.

**INVENTOR(S)** : -IDEM-

**APPLICATION NO :** 645/BOM/1998 FILED ON : 06.10.98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI – 13.

### 02 CLAIMS



An automatic sliding gate for dynamic regulation of flow of water through a river or canal comprising of a rectangular box filled with water, a set of an entry and an exit valves provided in the upstream and downstream faces of the said box for filling in and exiting water from the said box, a set of four axles and wheels, two on each side provided on the sides of the said box, the said wheels rolling over a pair of inclined rails fixed in the supporting structure; lower ends of the said rails being towards the closed position of the gate and upper ends of said rails being towards opened position of the gate and the said wheels being fitted with rotary dampers for preventing the hunting of said box during operation, by ensuring slow movements of the box.

Complete Specification: 07 Pages;

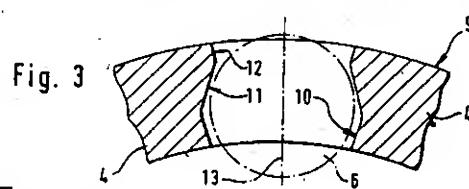
Drawings 06 Sheets.

**IND. CL.** : 15 D [LIV (1)] 189620  
**INT. CL.** : F 16 C,43/00  
**TITLE** : A CYLINDRICAL WINDOW TYPE CAGE FOR A NEEDLE BEARING AND METHOD OF MANUFACTURING THE SAME.  
**APPLICANT** : INA WALZLAGER SCHAEFFLER OHG OF D-91072 HERZOGENAURACH, GERMANY, GERMAN CO.  
**INVENTORS** : 1. LEO MUNTNICH  
2. WOLFGANG FUGEL.  
**APPLICATION NO.** : 717/BOM/1998      **FILED ON :** 12-11-1998.  
**PRIORITY NO** : 197 54 836.9      **DATED** : 10-12-1997 **OF GERMANY**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

### 08 CLAIMS

A cylindrical window-type cage (1) for a needle bearing which receives the bearing needles (6) in pockets (5) uniformly spaced from one another by webs (4), said pockets (5) being formed by punching and by stamping with a displacement of material in a cage strip (9) so that after the bending round of the cage strip (9) the bearing needles (6) are retained in inward direction by the inclination of the web walls and in outward direction by retaining projections (7, 8), characterized in that, in the unbent state of the cage strip (9), the surfaces of the web walls of a pocket (5) situated opposite each other are formed in the region of the retaining projections (7, 8) by three partial surfaces (10, 11, 12) such that the two first partial surfaces (10) are parallel to a central vertical line (13) and merge at their upper ends into an inclined second partial surface (11) pointing towards that center of the pocket, each of the second partial surfaces (11) ending in a third partial surface (12) which is likewise parallel to the central vertical line (13).



Complete specification: 17 pages,

Drawings: 04 Sheets

IND. CL. : 170 B + D 189621

INT. CL. : C 11 D

TITLE : A LOW TFM DETERGENT BAR COMPOSITION

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) SUDHAKAR YESHWANT MHASKAR  
(2) SUBHASH SHIVSHANKAR MHATRE  
(3) RAJAPANDIAN BENJAMIN

APPLICATION NO : 811 BOM 1998 FILED ON 14.12.1998  
Complete specification filed after provisional specification on  
08.12.1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**10 CLAIMS**

A low TFM detergent composition with superior sensory and physical properties comprising:

25 - 70% by wt. of total fatty matter such as herein described

9.0 - 16% by wt. of colloidal aluminium hydroxide (A-gel); and

from 12 - 52% by wt. of water, with or without benefit agents such as herein described.

Prov.Specn. 14 pages  
Comp.Specn. 17 pages,

Drawings: Nil  
Drawings: Nil

IND. CL.	:	17 E [XIV (2)]	189622
INT. CL.	:	C 12 N 9/28	
TITLE	:	AN ENZYMATIC HYDROLYSIS PROCESS FOR THE PRODUCTION OF GLUCOSE SYRUPS FROM TAPIOCA STARCH.	
APPLICANTS	:	IIT BOMBAY, INDIAN INSTITUTE OF TECHNOLOGY, POWAI, MUMBAI 400 076 AND CHENGARA VEEDU ANOOP, AKKIHEBBAL KRISHNAMURTHY SURESH AND VINAY ANANT JUVEKAR, DEPARTMENT OF CHEMICAL ENGINEERING, IIT BOMBAY. ALL INDIAN NATIONALS	
INVENTORS	:	1. CHENGARA VEEDU ANOOP 2. AKKIHEBBAL KRISHNAMURTHY SURESH 3. VINAY ANANT JUVEKAR	

APPLICATION NO. 844/BOM/1998

FILED ON : 30/12/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

04 CLAIMS.

- 1) An enzymatic hydrolysis process for the production of glucose syrups from tapioca starch wherein the liquefact after cooling to ambient temperature and prior to saccharification is flocculated with a mineral acid to a pH 2-4 or with an alkali to a pH 10-12 and aged under stirring followed by filtration of the liquefact and treatment of the filtrate with an ion exchange resin.

Complete Specification : 15 Pages;

Drawings NIL Sheet.

IND. CL. : 32 F<sub>2</sub> (a) 189623

INT. CL. : A 61 K -31/045; 31/085

TITLE : AN IMPROVED PROCESS FOR THE PREPARATION OF 1-[2-AMINO-1-(P-METHOXYPHENYL) ETHYL ] CYCLOHEXANOL

APPLICANT : ALEMBIC LIMITED, ALEMBIC ROAD, VADODARA 390 003, GUJARAT, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) SUHAS V.SOHANI  
(2) BALDEV N.PATEL  
(3) PINKY PARikh  
(4) SRINIVASAN RENGARAJU

APPLICATION NO : 1079/MUM/2001 FILED ON 09.11.2001

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

**07 CLAIMS**

A process for the manufacture of 1-[2-amino-1-(p-methoxyphenyl) ethyl ] cyclohexanol or a pharmaceutically acceptable salt thereof of the structural formula of Fig.2 from 1-[cyano (p-methoxyphenyl) methyl] cyclohexanol characterized in that 1-[cyano (p-methoxyphenyl) methyl ] cyclohexanol is subjected to catalytic hydrogenation using a hydrogenation catalyst in a suitable solvent thereby resulting in the manufacture of 1-[2-amino-1-(p-methoxyphenyl) ethyl ] cyclohexanol or a pharmaceutically acceptable salt thereof.

<b>IND. CL.</b>	:	55 E <sub>4</sub> 32.G	189624
<b>INT. CL.</b>	:	A 61 K 35/78 A 61 K 33/30, 33/04 C 07 D 307/62, 311/72, 415/00 C 07 H 23/00	
<b>TITLE</b>	:	PROCESS FOR PREPARATION OF NOVEL COMPOSITION WITH CARROT PHYTONUTRIENTS FOR DIABETICS.	
<b>APPLICANT</b>	:	AJANTA PHARMA LIMITED AJANTA HOUSE, 98, GOVT. INDUSTRIAL AREA, CHARKOP, KANDIVLI (W), MUMBAI - 400 067. MAHARASHTRA, INDIA, AN INDIAN CO.	
<b>INVENTORS</b>	:	1. BIYANI MILIND KESHARLAL. 2. SIMHA NANDA PRATAP.	
<b>APPLICATION NO.</b>	:	1038/MUM/2001	FILED ON : 23-10-2001.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 1972),  
PATENT OFFICE BRANCH, MUMBAI-13.

### 08 CLAIMS

A process for preparation of unique synergistic composition of carrot phytonutrients and other natural carotenoids derived from source like Dunaliella salina, or marigold or the like and/or combination thereof; in combination with chromium in oral dosage form for diabetics; further comprising of other antioxidants like vitamin E, vitamin C or the like; trace elements like zinc, selenium, or the like; vitamins like, vitamin B1, vitamin B6, Folic acid, vitamin B12, or the like in therapeutic range and other pharmaceutically accepted inert excipients, which comprises the steps of:

- a. preparing active granule A - by blending carrot phytonutrients with folic acid, pyridoxine hydrochloride, cyanocobalamin, and thiamin mononitrate using appropriate diluent; adsorbing the other natural carotenoids dispersion on suitable adsorbent; mixing adsorbed carotenoids with blend of carrot phytonutrients and vitamins; granulating the resultant blend and drying,
- b. preparing active granule B - by adsorbing selenium salt and chromium salt solution separately on vitamin E powder or Vitamin E adsorbate prepared by adsorbing vitamin E acetate oil on suitable adsorbent and sifting; mixing the resultant blend with zinc salt and Vitamin C, followed by granulating; drying and sieving of the resultant granules.
- c. mixing the active granules A and B, lubricating and drying, compressing the dried lubricated granules into tablets using suitable dies and punches, followed by film coating in a conventional way, in a coating pan,

wherein, all the process step are carried out in diffused light, relative humidity not exceeding 50%, temperature not exceeding 25°C (except drying), drying operations carried at temperature not exceeding 50°C, all steps carried out in succession immediately one following the other without any gap in-between, and keeping the exposure to air minimum throughout for avoiding degradation of sensitive materials and thereby improving stability.

Complete specification: 30 pages,

Drawings: NIL Sheets

IND. CL. : 55 E 2 189625

INT. CL. : A 61 K 31/80

TITLE : A PROCESS FOR THE PREPARATION OF A KIT  
COMPRISING RECOMBINANT NUCLEOTIDE  
SEQUENCES COMPRISING 1-2381 BASE PAIRS  
(bp) FOR EARLY DETECTION OF ORAL CANCER.

APPLICANT : CANCER RESEARCH INSTITUTE,  
TATA MEMORIAL CENTRE,  
PAREL, MUMBAI – 400 012,  
MAHARASHTRA, INDIA.

INVENTOR(S) : DR. DHANANJAYA SARANATH

APPLICATION NO : 868/MUM/2001 FILED ON : 11.09.2001  
Divisional to : 392/BOM/99 dt. 24.5.99.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES  
1972), PATENT OFFICE BRANCH, MUMBAI – 13.

#### 06 CLAIMS

A process for the preparation of a kit comprising recombinant nucleotide sequences comprising 1 -2381 base pairs (bp) for early detection of oral cancer comprising mixing primers from the recombinant nucleotide sequences with a buffer system, a nucleotide mix and thermophilic polymerase enzyme.

<b>IND. CL.</b>	:	55 E <sub>2</sub> +E <sub>4</sub> [XIX (1)]	189626
<b>INT. CL.</b>	:	A 61 K, 31/00	
<b>TITLE</b>	:	A PROCESS FOR PREPARATION OF STABLE PHARMACEUTICAL COMPOSITION CONTAINING ANTIBACTERIAL SUBSTANCE AND MICROORGANISMS.	
<b>APPLICANT</b>	:	MACLEODS PHARMACEUTICALS LTD. 304-310, ATLANTA ARCADE, CHURCH ROAD, ANDHERI-KURLA ROAD, MUMBAI-400 059, MAHARASHTRA, INDIA. AN INDIAN CO.	
<b>INVENTORS</b>	:	1. DR. SHRUTI UMESH BHAT.	
<b>APPLICATION NO.</b>	:	447/MUM/2001	FILED ON: 10-05-2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI 13.

#### 14 CLAIMS

A process of preparation of a stable pharmaceutical composition comprising essentially of an admixture of anti-infective agent or a pharmaceutically acceptable salt thereof and (b) therapeutic concentration of probiotic microorganism, incorporated with physiologically acceptable excipients selected in nature and quantities to formulate a solid or liquid oral dosage composition such as powder or tablet or capsule or liquid preparation with effects complementary to those provided by each separate active ingredient and which is stable for at least 36 months at ambient environment temperature – relative humidity.

Complete specification: 37 pages,

Drawings: NIL Sheets

IND. CL. : 55 E<sub>2</sub> + E<sub>4</sub> [ XIX(1)] 189627  
INT. CL. : A 61 K, 9/62  
**TITLE** : A PROCESS FOR PREPARATION OF PHARMACEUTICAL COMPOSITION CONTAINING A GLUCOCORTICOID  
**APPLICANT** : MACLEODS PHARMACEUTICALS LTD., 304-310, ATLANTA ARCADE, CHURCH ROAD, ANDHERI-KURLA ROAD, MUMBAI-400059, MAHARASHTRA, AN INDIAN COMPANY.  
**INVENTOR(S)** : DR. SHRUTI UMESH BHAT  
**APPLICATION NO :** 425/MUM/2001 FILED ON : 04.05.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 09 CLAIMS

A process for the preparation of a pharmaceutical composition containing a glucocorticoid comprising, mixing the required ratios of pre-screened glucocorticoid and cyclodextrin; milling the mixture in a ball-mill containing balls made either of procelein or stainless steel; ball milling the blend for a definite period of time for e.g. 2-8 hours with occasional scraping of the blend from the sides of the mill until the complex is formed; screening the complex solid through mesh; adding formulation additives such as binders, bulking agents, levigating agents, surfactants, etc. and granulating the mass to form a dough; wet screening of the dough through 8 mesh and drying the granules obtained at 60°C in a fluidized bed drier for 11-14 hours or in a tray drier for up to 12 hours until granules with moisture content between 2.5 – 3.0% w/w are obtained; blending the dried granules with suitable excipients such as lubricated, disintegrants and glidants to form a suitable oral dosage form; extruding the aforementioned dough through an extruder to form rods which may be spheronized through a marumerizer to form beads or pellets; encapsulating the beads or pellets into a hard gelatin capsule; compressing the beads or pellets or granules into tablets after incorporating suitable excipients such as lubricants, disintegrants, flavor, colors and glidants, mixing the beads after passing through screen 40 mesh and adding sweetner, colors, flavors to form a formulation ready to reconstitute with water before administration.

Complete Specification: 75 Pages:

Drawings Nil Sheets.

**IND. CL** : 49 C [XV (1)] 189628

**INT. CL.** : B 29 C 042/26  
45/16

**TITLE** : PROCESS FOR THE PREPARATION OF VEGETABLE AND FRUIT PIECES.

**APPLICANTS** : HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165-166, BACKBAY RECLAMATION  
MUMBAI : 400 020.  
MAHARASHTRA,  
INDIA

**INVENTORS** : 1. STEPHEN RAYMOND MOORE.  
2. SHIPING ZHU

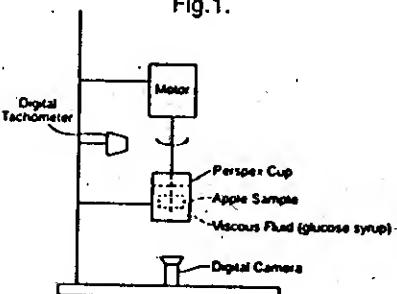
**APPLICATION NO.** : 329/MUM/2001      **FILED ON** : 11/04/2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI-13.

#### 08 CLAIMS.

1. Process for the preparation of vegetable or fruit particles comprising contacting vegetable or fruit (in whole or particles thereof) with an aqueous solution of a biopolymer, whereafter the particles are subjected to conditions as herein described under which said biopolymer (at least partially) thickens or sets to a gel, wherein the biopolymer is one that is capable to thicken or gel in the absence of divalent cations.

Fig. 1.



Complete Specification : 14 Pages;

Drawings 02 Sheet.

**IND. CL.** : 92 F 189629

**INT. CL.** : A 23 L – 1/105

**TITLE** : PROCESS FOR THE PRODUCTION OF A HEAT TREATED WHEAT

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : (1) VAN DER BEEK, MARIUS  
 (2) GRAVELAND, ARIS  
 (3) RJALE, GOPINATH BABSAHEB

**APPLICATION NO** : 1000 MUM 2000 FILED ON 08.11.2000  
 Priority No.99203777.0 dated 12.11.1999 of Europe

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **03 CLAIMS**

Process for the production of heat treated grains of cereals having:  
 a bulk density of 0.4 to 0.75 kg/l, preferably 0.45 to 0.65 kg/l, most preferably 0.5 to 0.6 kg/l and  
 a dry gluten content as measured by AACC method 38-10 of 0 to 2 wt%, preferably 0 to 1 wt%, most preferably 0 to 0.5 wt% comprising subjecting the grains of the cereal to the step of heat treatment, wherein a cereal, selected from the group consisting of wheat and rye is introduced in a reactor, wherein an annular fluidized bed from the cereal grain is maintained above a perforated plate by introducing the cereal grains above the perforated plate and simultaneously introducing fluidizing gas, providing a tangential velocity component to the fluidizing bed and fluidizing gas, providing a axial velocity component to the fluidizing bed from below the perforated plate in the reactor at a temperature of 200 to 350 degree C, in which fluidized bed the cereal grain is subjected to a heat treatment for 15 to 90 sec, while avoiding local overheating and over burning.

IND. CL. : 108 C3 [ XXXIII(5) ] 189630

INT. CL. : C 21 D - 1/ 06

TITLE : AN APPARATUS FOR THE MODIFICATION OF SURFACE HARDNESS OF STEEL

APPLICANT : INSTITUTE FOR PLASMA RESEARCH, AN INDIAN INSTITUTE OF BHAT, GANDHINAGAR 382 424, GUJARAT, INDIA

INVENTORS : (1) SUBROTO MUKHERJEE  
(2) PUCADYIL ITTOOP JOHN

APPLICATION NO : 407/BOM/1996 FILED ON 09.08.1996  
Complete after Provisional left 22.10.95

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI -13**

### 06 CLAIMS

An apparatus for the surface modification of steel comprising:

- i) a chamber 1 having
- ii) a pump 2 connected to said chamber 1 on one side thereof for creating vacuum therein,
- iii) a sample holder 3 disposed within said chamber 1 being provided to hold the sample, characterized in that
- iv) a filament 5 adapted to be connected to a power source being provided near the top end of said chamber for causing an ionization of the gas to produce a plasma,
- v) a cusp magnetic field means having two pairs of circular solenoids 7 being provided at the bottom of said chamber to enhance the plasma density at cusp plane 6,
- vi) an IGBT based switching device 9 being provided for producing pulses,
- vii) a thermocouple 8 is optionally provided with said sample holder to measure temperature and biasing the sample.

Prov.Specn. 9 pages, Drgs.Nil  
Comp.specn. 11 pages, Drgs. 5 sheets.

**CLAIM U/S 20(1) OF THE PATENTS ACT, 1970**

The claim made by SIEMENS PLC, OF Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ, England, under section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 189668 1324/MAS/95 in their name has been allowed.

**OPPOSITION PROCEEDINGS**

An opposition has been entered by M/s. Mechanical Packing Industries Pvt. Ltd., Mumbai-400069, to the grant of a Patent on Patent Application No. 188304 (127/BOM/1997) made by M/s. Stoplik Services (I) Pvt. Ltd., Thane-400 604.

An opposition has been entered by M/s. Inmarco Industrial Maintenance (P) Ltd., Mumbai-400059, to the grant of a Patent on Patent Application No. 188306 (130/BOM/1997) made by M/s. Stoplik Services (I) Pvt. Ltd., Thane-400 604.

**PATENT SEALED ON 28-02-2003**

187867\* 187875 187879\*D 187882\* 187886\* 187889\* 187894\* 187896 187904 187905\* 187906\*D  
187907\*F 187908\*D 187911\* 187912 187914\* 187921 187922 187924 187925\* 187926 187927\* 187928  
187929\* 187930\* 187931 187932\* 187934 187935 187937 187940\* 187941 187942.

KOL—03, DEL—28, MUM—NIL, CHEN—02.

\*Patent shall be deemed to be endorsed with the words “LICENCE OF RIGHT” under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

\*D=Drug Patents

\*F=Food Patents.

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection from the date of registration.

The date shown in the each entries in the date of registration included in the entries.

Class	15-01	No. 189281. Keihin Corporation, of 3-17, Shinjuku 4-Chome, Shinjuku-Ku, Tokyo, Japan. "CARBURETOR" 25 <sup>th</sup> December 2001. (Reciprocity) Japan.
Class	23-01	No. 189393. Friedrich Frohe AG & Co. KG, of Hauptastrasse 137, D-58675, Hemer, Germany, A German Company. "WASHBASIN MIXER" 23 <sup>rd</sup> January 2002 (Reciprocity) Japan.
Class	23-01	No. 189394. Friedrich Grohe AG & Co. KG, of Hauptastrasse 137, D-58675, Hemer, Germany, A German Company. "SHOWER MIXER" 23 <sup>rd</sup> January 2002 (Reciprocity) Japan.
Class	23-01	No. 189395. Friedrich Grohe AG & Co. KG, of Hauptastrasse 137, D-58675, Hemer, Germany, A German Company. "BATH MIXER" 23 <sup>rd</sup> January 2002 (Reciprocity) Japan.
Class	19-02	No. 189245. Max Co. Ltd. 6-6, Nihonbashi Hakozaki-Cho, Chuo-Ku, Tokyo, Japan. "STAPLER" 24 <sup>th</sup> January 2002. (reciprocity) Japan.
Class	07-02	No. 189687. Dart Industries Inc., of 14901, South Orange Blosoom trail, Orlando, Florida 32837, U.S.A. "SEAL FOR BOWL" 7 <sup>th</sup> February 2002 (Reciprocity)USA.
Class	07-02	No. 189688. Dart Industries Inc., of 14901, South Orange Blosoom trail, Orlando, Florida 32837, U.S.A. "SALAD TONGS" 7 <sup>th</sup> February 2002 (Reciprocity)USA.
Class	07-02	No. 189684. Dart Industries Inc., of 14901, South Orange Blosoom trail, Orlando, Florida 32837, U.S.A. "SERVING BOWL" 7 <sup>th</sup> February 2002 (Reciprocity)USA.
Class	07-02	No. 189689. Dart Industries Inc., of 14901, South Orange Blosoom trail, Orlando, Florida 32837, U.S.A. "SERVING BOWL" 7 <sup>th</sup> February 2002 (Reciprocity)USA.

Class 31-00 No. 189358. Whirlpool Corporation of 2000 N M-63, Benton Harbor, Michigan 49022, U.S.A. "DOUBLE OVER FRONT PANEL & DOOR" 8<sup>th</sup> March 2002 (Reciprocity) U.S.A.

Class 10-04 No. 189253. FMI Limited, of Ferozepore Road, Ludhiana-141001, Punjab India. 20<sup>th</sup> June 2002.

Class 13-03 No. 189595. Nipa International Pvt. Ltd. Of 412 Udyog Vihar, Phase-III, Gurgaon-122016, Haryana, India. "ELECTRICAL SWITCH MODULAR PLATE" 29<sup>th</sup> July 2002.

Class 13-03 No. 189596. Nipa International Pvt. Ltd. Of 412 Udyog Vihar, Phase-III, Gurgaon-122016, Haryana, India. "ELECTRICAL SWITCH MODULAR PLATE" 29<sup>th</sup> July 2002.

Class 12-16 No. 189654. Raco Industries, A-7, Mayapuri Industrial Area, Phase-II, New Delhi-110064, India. An Indian Proprietary firm "CAR WHEEL COVER" 2<sup>ND</sup> august 2002.

Class 26-99 No. 190001. M/s. Tri Star Engineering Industries of A/8-9, Swaminarayan Wadi, Nr. Uttar Gujarat Patel Society, I, Babupura, Haripura, Asarwa, Ahmedabad-380016, Gujarat, India. "INSECTOCUTORS" 20<sup>th</sup> September 2002.

Class 09-03 No. 190016. M/s. S.K. Industries (P) Ltdl. 11/2A, Pusa Road, New Delhi, India, an Indian Company. "CAP" 24<sup>th</sup> September 2002.

Class 09-03 No. 190017. M/s. S.K. Industries (P) Ltdl. 11/2A, Pusa Road, New Delhi, India, an Indian Company. "CAP" 24<sup>th</sup> September 2002.

Class 09-03 No. 190018. M/s. S.K. Industries (P) Ltdl. 11/2A, Pusa Road, New Delhi, India, an Indian Company. "CONTAINER" 24<sup>th</sup> September 2002.

Class 09-03 No. 190019. M/s. S.K. Industries (P) Ltdl. 11/2A, Pusa Road, New Delhi, India, an Indian Company. "CONTAINER" 24<sup>th</sup> September 2002.

Class 14-03 No. 190139. M/s. Electrocon Consumer Electronics (I) Ltd. Of 33, Ocean Centre, Behind Wadekar Hospital Plaghar, Dist. Thane, maharashtra-401404, India. "TELEPHONE" 8<sup>th</sup> October 2002.

Class	14-03	No. 190138. M/s. Electrocon Consumer Electronics (I) Ltd. Of 33, Ocean Centre, Behind Wadekar Hospital Plaghar, Dist. Thane, maharashtra-401404, India. "TELEPHONE" 8 <sup>th</sup> October 2002.
Class	14-03	No. 190137. M/s. Electrocon Consumer Electronics (I) Ltd. Of 33, Ocean Centre, Behind Wadekar Hospital Plaghar, Dist. Thane, maharashtra-401404, India. "TELEPHONE" 8 <sup>th</sup> October 2002.
Class	14-03	No. 190136. M/s. Electrocon Consumer Electronics (I) Ltd. Of 33, Ocean Centre, Behind Wadekar Hospital Plaghar, Dist. Thane, maharashtra-401404, India. "TELEPHONE" 8 <sup>th</sup> October 2002.
Class	05-05	No. 190128. The Rishabh Velveleen Ltd. Of 9 <sup>th</sup> KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jwalapur, Hardwar-249407, U.P. India. "TEXTILE FABRICS" 8 <sup>th</sup> October 2002.
Class	05-05	No. 190126. The Rishabh Velveleen Ltd. Of 9 <sup>th</sup> KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jwalapur, Hardwar-249407, U.P. India. "TEXTILE FABRICS" 8 <sup>th</sup> October 2002.
Class	-05-05	No. 190129. The Rishabh Velveleen Ltd. Of 9 <sup>th</sup> KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jwalapur, Hardwar-249407, U.P. India. "TEXTILE FABRIC" 8 <sup>th</sup> October 2002.
Class	-05-05	No. 190124. The Rishabh Velveleen Ltd. Of 9 <sup>th</sup> KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jwalapur, Hardwar-249407, U.P. India. "TEXTILE FABRICS" 8 <sup>th</sup> October 2002.
Class	-05-05	No. 190127. The Rishabh Velveleen Ltd. Of 9 <sup>th</sup> KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jwalapur, Hardwar-249407, U.P. India. "TEXTILE FABRICS" 8 <sup>th</sup> October 2002.
Class	19-06	No. 190181. Micromat Industries, 95/1, Kashipur Road, Kolkata-700002, West Bengal, India. "PEN" 9 <sup>th</sup> October 2002.
Class	07-02	No. 190326. Pravin Vasant Mehta, of 62/10, Ganesh Industrial Estate, Tiger house, Vasai (E), Dist. Thane 401208, Maharashtra, India. "CASSEROLE" 1 <sup>st</sup> November 2002.
Class	26-02	No. 190323. M/s. Deepak Enterprises, Indian Proprietary firm, 36, Sector B, Industrial Area, Sanwer Road, Indore-452003, Madhya Pradesh, India. "TORCH CABINET" 1 <sup>st</sup> November 2002.

Class 07-02 No. 190377. M/s. Pooja Thermoware of Gala No. 18, Kamala Bhavan, Sharma Industrial Estate, Walbhat Road, Goregaon (E), Mumbai-400063, Maharashtra, India. "CASSEROLE" 8<sup>th</sup> November 2002.

Class 13-03 No. 190437. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SWITCH" 14<sup>th</sup> November 2002.

Class 13-03 No. 190436. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SOCKET" 14<sup>th</sup> November 2002.

Class 13-03 No. 190435. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "D. B. SWITCH" 14<sup>th</sup> November 2002.

Class 13-03 No. 190434. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "ELECTRICAL REGULATOR" 14<sup>th</sup> November 2002.

Class 13-03 No. 190433. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SWITCH" 14<sup>th</sup> November 2002.

Class 13-03 No. 190432. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "TELEPHONE SOCKET" 14<sup>th</sup> November 2002.

Class 13-03 No. 190440. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "FUSE" 14<sup>th</sup> November 2002.

Class 13-03 No. 190439. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SWITCH" 14<sup>th</sup> November 2002.

Class 13-03 No. 190438. Ramesh Kumar , of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SWITCH" 14<sup>th</sup> November 2002.

Class 13-03 No. 190438. Ramesh Kumar, of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "ELECTRICAL SWITCH" 14th November 2002.

Class 13-03 No. 190430. Ramesh Kumar, of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "ELECTRIC BUZZER BELL" 14th November 2002.

Class 13-03 No. 190429. Ramesh Kumar, of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "SOCKET" 14th November 2002.

Class 13-03 No. 190428. Ramesh Kumar, of 10/3, Sri Complex, B.V.K. Iyenger Road, Bangalore-560053, Karnataka, India. "TELEPHONE JACK" 14th November 2002.

Class 05-05 No. 190125. The Rishabh Velveleen Ltd. of 9th KM, Hardwar-Delhi Road, Near Ranipur Toll Barrier, Jawalapur, Hardwar-249407, U.P. India. "TEXTILE FABRICS" 8th October 2002.

Class 13-03 No. 190458. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH SOCKET PLATE" 18th November 2002.

Class 13-03 No. 190460. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH SOCKET WITH INDICATOR PLATE" 18th November 2002.

Class 13-03 No. 190463. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH SOCKET WITH INDICATOR" 18th November 2002.

Class 13-03 No. 190456. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SOCKET PLATE" 18th November 2002.

Class 13-03 No. 190464. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH SOCKET COMBINE" 18th November 2002.

Class 13-03 No. 190461 Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH WITH PLATE" 18th November 2002.

Class 13-03 No. 190462. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH WITH INDICATOR" 18th November 2002.

Class 13-03 No. 190454. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SOCKET" 18th November 2002.

Class 13-03 No. 190459. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SWITCH" 18th November 2002.

Class 13-03 No. 190455. Kishore Industries, 143, Ashirwad Industrial Estate, Bldg. No. 15, 1st Floor, Ra, Mandir Road, Goregaon (W), Mumbai-400 104, Maharashtra, India. "SOCKET PLATE" 18th November 2002.

Class 13-03 No. 190483. Joshi Plastic Industries of Joshi Building, Saki Vihar Road, Mumbai-400072, "TOOTH BRUSH" 21st November 2002.

B. P. MISHRA  
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